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The American Home

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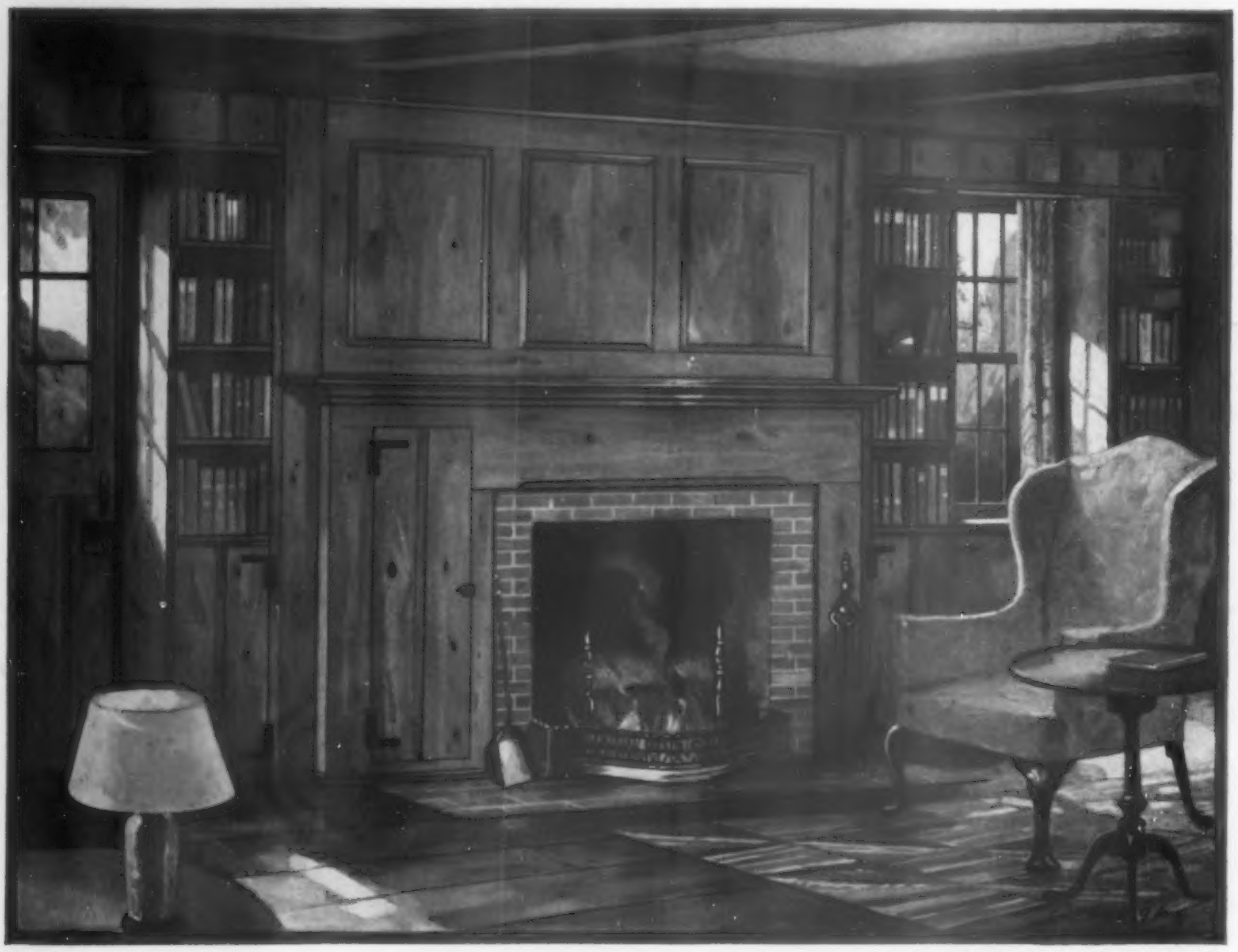
Surprising! the Economy of this room in SHEVLIN PINE *Knotty Finish*



Designed for Shevlin Pine Knotty Finish by
Louis Boynton Bersback, A.I.A., Minneapolis

AT very moderate cost you can gratify your desire for the mellow charm of a room in Shevlin Pine Knotty Finish. In fact if you will compare the cost of the living room illustrated here with the cost of the same room finished in plaster woodwork and wallpaper you will be agreeably surprised. So that you can make this comparison we have prepared the Plan of this room with list of materials. Just send the coupon and we will mail this Plan without charge.

In considering this room please analyze these money-saving features carefully. The fireplace wall contains fifteen feet of bookshelves. These save the cost of bookcases. Five roomy cupboards in the wall eliminate expense for special cabinets. A wood closet provides conveniently for fireplace fuel. Knotty Pine radiator enclosures do away with the cost of other grilles.

Now figure the most important saving of all. This room in Shevlin Pine Knotty Finish will *never need redecorating*. Actually, these walls improve in beauty and value each year.

A reliable average figure for repapering and refinishing this room ordinarily is forty to fifty dollars.* It may cost much more depending on the paper used. Repeat this expense every five years and realize what upkeep amounts to.

Walls of Shevlin Pine Knotty Finish save this expense. The first cost is the last. The first cost of this room finished in plaster, ordinary woodwork and wallpaper is estimated at $350,* and to this constant upkeep must be added. The first cost of the same room in Shevlin Pine Knotty Finish is only two hundred dollars more and from this you should deduct cost of bookcases, cupboards, radiator enclosures and the repeated cost of redecorating.

It is thrifty to enjoy the homelike beauty of knotty pine walls. You can save money by using them in your new residence or in remodeling. Shevlin Pine Knotty Finish is choice kiln-dried pine of heirloom quality. It is selected at the mills for character and location of knots and is especially chosen for fine interior finish.

Let us send you with our compliments the Free Plan of this living room in Shevlin Pine Knotty Finish. Fill out the coupon below and mail today.

Build This Year — Present low prices of building materials make it possible to save money either on the cost of building a new home or on remodeling your present dwelling.

MAIL TODAY

Shevlin Pine Sales Company
Executive Offices, Dept. 322,
900 First National-Soo Line Building,
Minneapolis, Minnesota.

.... Please send without obligation FREE PLAN and Material List of Living Room.

We plan to build (Please give approximate date)..

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The American Home

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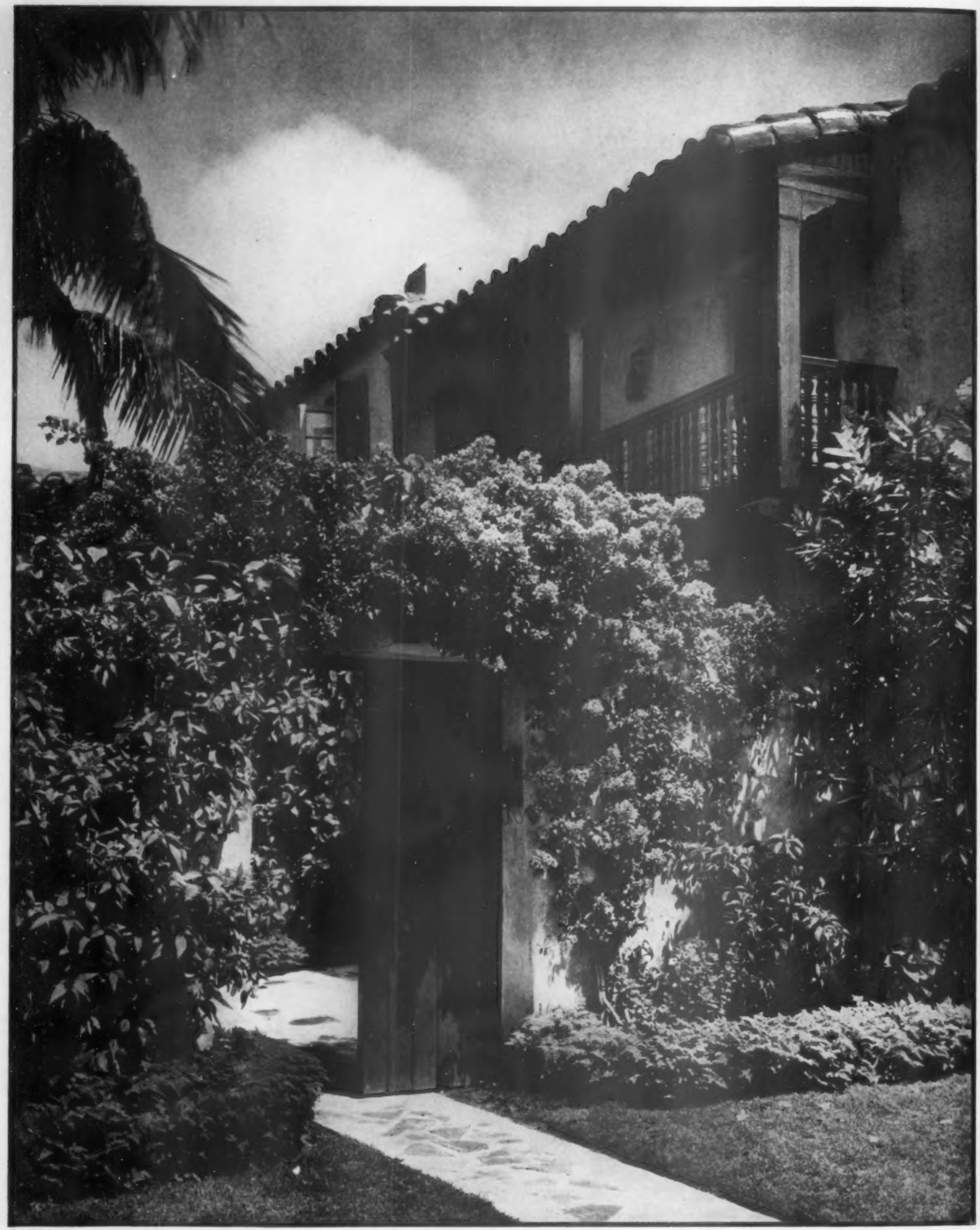
The President Says:

THERE is a wide distinction between homes and mere housing. Those immortal ballads, 'Home, Sweet Home,' 'My Old Kentucky Home' and 'The Little Gray Home in the West,' were not written about tenements or apartments. They are the expressions of racial longings which find outlet in the living poetry and songs of our people. They were written about an individual abode, alive with the tender associations of childhood. The family life at the fireside, the free out of doors, the independence, the security, and the pride in possession of the family's own home—the very seat of its being.

"That our people should live in their own homes is a sentiment deep in the heart of our race and of American life. We know that as yet is not universally possible to all. We know that many of our people must at all times live under other conditions. But they never sing songs about a pile of rent receipts. To own one's own home is a physical expression of individualism, of enterprise, of independence, and of the freedom of spirit. We do not in our imagination attach to a transitory place that expression about a man's home being his castle, no matter what its constitutional rights may be."—Herbert Hoover

THE above quotation is taken from the President's address at the opening of the nationwide Conference on Home Building and Home Ownership held in Washington, D. C., last December. The thought, coming from the heart of our great nation, that "people should live in their own homes" might well be taken as the sum and substance of our purpose in publishing THE AMERICAN HOME. And as such we reproduce it herewith.—The Editor



Costain

As if in defiance of the February snows and frigid days in the North, our Southern gardens display a riot of colorful bloom as shown by this garden gate of Mrs. Alice Theiss in Miami Beach, Florida, embowered with striking magenta Bougainvillea

Winter Beauty in the South

THE AMERICAN HOME
FOR FEBRUARY 1932

Planning your Life

An itinerary for an important journey

You wouldn't think of going on a journey without knowing just where you were going and how to get to your destination. Yet how few of us realize just where we are bound on that greatest journey of all—that journey called Life. A little careful thought, as the author of the article points out, in planning our everyday lives will eliminate chance and lead to a successful conclusion of this most eventful journey.

by LEWIS EDWIN THEISS

WHEN you are preparing to go to Patagonia or New Zealand or on any other long journey to a strange land, almost the first thing you do is to "read up" on the land of your destination, then get maps showing possible routes, and finally lay out your course. No sane person would think of attempting such a journey without this preliminary preparation. No one in his right mind would ever "just set out" on any such complex undertaking. Few of us go to Patagonia, but all of us go on a journey far more complex and difficult; and that journey we call life. How many of us take the trouble to read up about it, to inform ourselves as to the best road to our goal, and finally to map out our route? If we do not do this, how can we ever expect to reach our destination?

If lack of forethought spoils our trip to Patagonia, we suffer at most only temporary inconvenience and unhappiness; but if failure to look ahead wrecks our lives, the result is tragic indeed.

Perhaps it has not occurred to some of us that we could or should plan our journey of life, because none of us can know exactly where he will arrive, and so he cannot tell just how to get there. This is true only in matters of detail. Our general destination, or at least the destination we hope to reach, is known to us all. It is that land of peace, happiness, and accomplishment that we call success.

Like any other land, it has its states and provinces. One of these is called prosperity. One is home. Another is family. Still another is security. All these states we hope to reach in the course of our journey through life. So we *do* know our destination, after all.

Knowing our destination, we can quite intelligently map out our way, just as truly as we can map out a journey from New York to San Francisco. It is hardly worth while to argue that, because we cannot foresee *all* that lies before us, therefore it is useless to make a plan. When we attempt so simple a thing as a motor trip from New York to San Francisco, we may come to a river in flood, with the bridge swept away, and we are almost certain to arrive at a point where road repairs are in progress, and the way is barred. In either case we make a detour. But after we have gotten around the delaying obstacle, we cut back to our main route as quickly as possible, and go on swiftly and surely to our destination—*because we have mapped out our route.* The same thing is true of life.

Illustrations by Norman Tanner

THE EQUITABLE LIFE ASSURANCE SOCIETY
THE KANSAS CITY RAILWAY COMPANY
$1000
MASSACCO NON-CANCELLABLE DISABILITY POLICY
CENTRAL CONSOLIDATED

The forms of insurance have greatly increased in number and in flexibility. With so many forms of protection available, therefore, there is scarcely any excuse for one being unprepared for his journey through life

Perhaps we cannot chart our trips to all the provinces of life as distinctly as we can plan a trip to San Francisco, yet there is one province the road to which we can map out pretty definitely. That province may almost be said to be the most desirable region in life. It is the province of financial success. The more sharply we chart our course to this land, the more likely we are to reach it.

If you will consider your needs, present and prospective, figure out what sum, within reason, will meet your requirements, and set that sum as a definite financial goal, that in itself is a real beginning of the accomplishment of your end.

Yet it is only a beginning. There remains the problem of figuring out a way to achieve that end. No matter what that end may be, there is one thing you need from the very start: that is protection. Success, like art, is long, and time is fleeting. You need to be protected, through all those years while you are achieving success. You need protection for your parents, for yourself, for your present or prospective family.

Perhaps some of you had not thought of the necessity of protecting your parents. Nevertheless there is a very real need. Statistics show that fewer than ten men out of every hundred are self-supporting at sixty years of age. A few men achieve and keep financial independence. A few more achieve it and lose it. Most men never even approximate it. As soon as their active working days are over, they are dependent upon some one, and that some one is legally and rightfully a son or a daughter.

No one can say that in ten years he will be able to care for his father or mother or his wife and children. He may be a dependent himself or in his grave. In mapping out the course to financial happiness, then, your first consideration should be to secure protection. And happily nothing is easier to secure. Insurance is the solution of your problem. At the earliest possible moment in his life, every man ought to take out insurance. The sooner you secure it, the cheaper are the yearly rates. No man who has finished his schooling and gotten a job should be without the protection provided by insurance. If you have so far neglected to provide this very keystone to the arch of your financial structure, don't delay another day in securing it. Remember that insurance is at once protection for yourself, your parents, your present or prospective wife and children, and for any other dependents you may have.

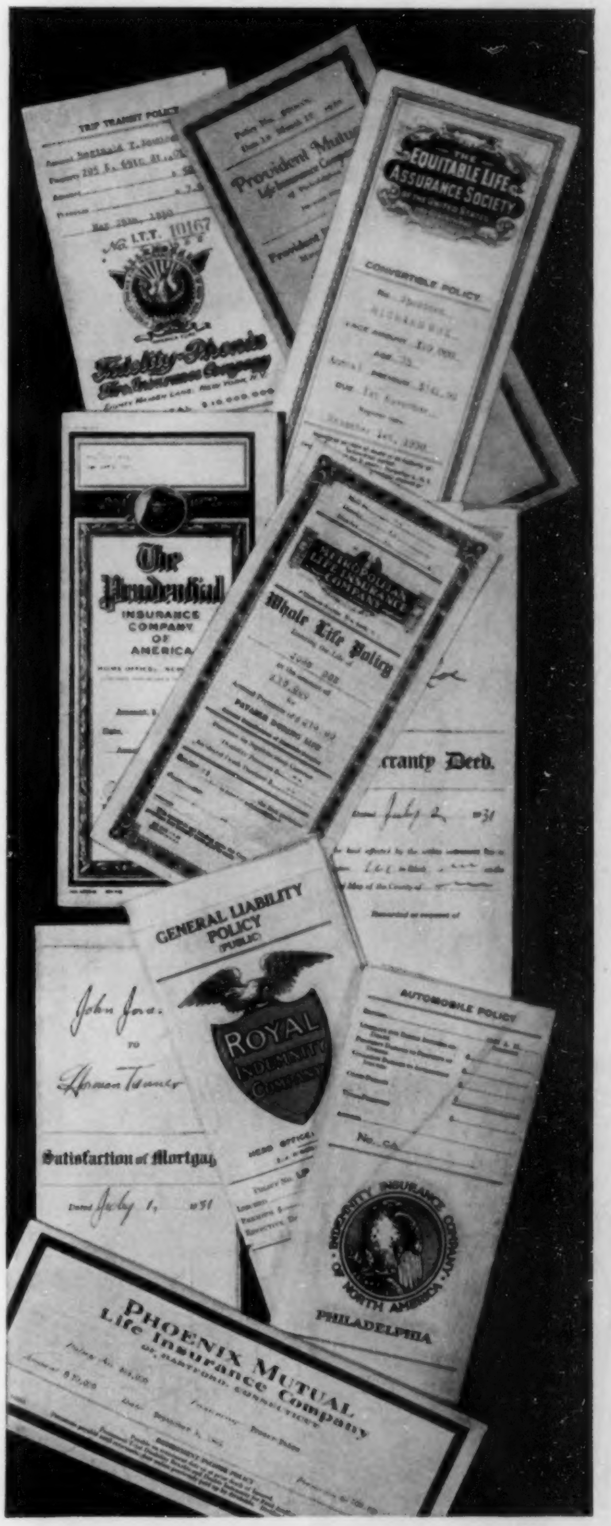
The cheapest insurance a man can buy is "straight life." The young man should take just as much of this form of insurance as he can pay for. As his income increases, so he should increase the amount of this insurance.

A few years ago this might not have been good advice. To load up with straight life insurance then would have been to put oneself under a heavy burden for posterity alone. But times change and with them insurance changes. To-day, straight life insurance is convertible into almost anything.

Recently I was talking with the representative of a company in which I carry a number of straight life policies. "You call your company a mutual company," I said. "Just exactly what does that mean, and how does it affect the policies I hold?"

"It means this:" was the reply, "our company collects premiums from you, not with the idea of making money from the transaction, but to help you to work out your plan of life. That money is yours. All insurance companies, mutuals included, operate in the following way. The money can go to your heirs, as you probably wish it to. If you decide to surrender your policies, you will get back a substantial part of what you have paid in, and, if your policies have run for a considerable term, and you have let the dividends accumulate with the company, you will get back all you have paid in. Meantime you will have had protection for all the years during which your policy has run. If, after you reach a certain age, you can no longer keep

Any reputable insurance company will be only too glad to give you sound advice as to the policies best suited to your individual needs after consulting with you about your present needs and your future prospects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The Prudential Insurance Company of America
Whole Life Policy
Warranty Deed
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Royal Indemnity Company
Automobile Policy
Satisfaction of Mortgage
Insurance Company of North America
Philadelphia
Phoenix Mutual Life Insurance Company

up your payments or desire not to make further payments, the company will pay you monthly or yearly interest on the cash value of your policy. That will give you an income for life, the amount depending, of course, upon how much you have paid in. And when you die, the income will continue for your widow and children indefinitely, or they can draw the principal at any time they wish, or any part of it. So in carrying this insurance you are really doing far, far more than merely piling up money for your heirs. You may be piling it up for yourself. At any time you choose, you can change these straight life policies into endowment policies, that will bring you an income later in life. In short, the company will do with your money almost anything you wish, that will help you to realize your financial plan of life."

"That is all most attractive," I said. "My sole objection to buying more insurance now is that I can perhaps get a larger return from my future savings if I keep them in my own hands."

"Perhaps you can," said the insurance man, "though our company has paid its policy holders 4.7 per cent interest for many years, and that is nearly as much as you could get on your savings, with safety. But the safety factor is one no man can afford to overlook. If you lose ten or twenty thousand dollars, it might cripple you for life, in a financial sense. If our company loses that sum, it is an incident. We have hundreds of millions of resources. Your investment with us is absolutely safe. You are not putting a few thousand dollars into this stock or that, as you would be when you invest in securities yourself, but you are buying a proportionate share of all these hundreds of millions of dollars the company owns. You can afford to sacrifice a tiny bit of interest in return for the absolute security you get."

With some forms of insurance, you get even more than security. There are forms innumerable, some one of which will fit your needs exactly. Some policies will not only provide money for your dependents, but will actually bring you in an income if you are seriously ill or hurt, the company itself paying the premiums if you are incapacitated after a certain period. Any insurance agent will be glad to point out to you the many, many helpful and protective features of the different policies that are best suited to your needs.

INSURANCE is the anchor to windward that every man should carry on his ship of life. And he should keep on adding to his insurance until the amount he carries will provide a living income for his dependents, in case of his sudden death. What that sum should be, each man must decide for himself.

Nor is even this the end of the protection needed; and once again insurance is the medium of protection. No one should overlook the matter of insuring against loss by fire. Equally important is the matter of carrying liability insurance to protect you when you are driving a car. Again, the man who has borrowed money with which to build a home, should insure his mortgage. Many persons get their homes through the building and loan societies. It takes nearly twelve years to wipe out a mortgage under this plan. If the home owner dies before the mortage is paid, it may take all or most of his life insurance to pay off the mortgage. Then the widow has the home, but no funds to maintain it and herself and children. A term-policy—securable at a very low rate—will cover the period of mortgage payments. Nowadays some building and loan societies, coöperating with insurance companies, will add the insurance cost to the mortgage and allow the home owner to make his payments in monthly installments. This adds only a trifle to the monthly payment on the mortgage itself.

Truly, in these uncertain days, there is great need of insurance. Yet, unless one's margin of income above living expenses is very slender indeed, one should not put all of his surplus into insurance. Every man needs savings as such. He needs to have *(Continued on page 288)*

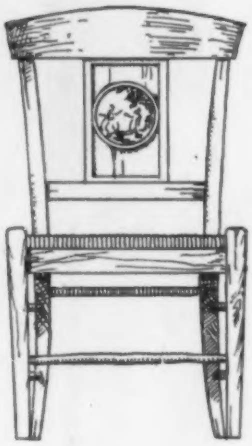
A Course in Furniture

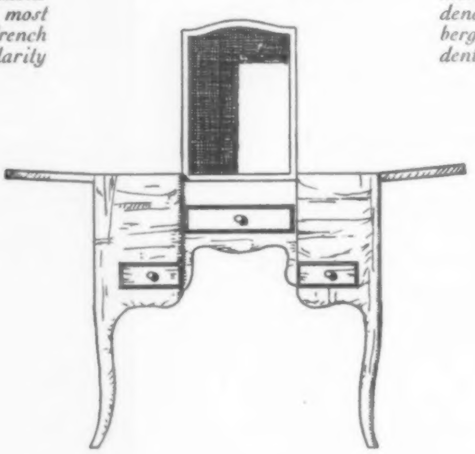
XI. French Provincial Furniture

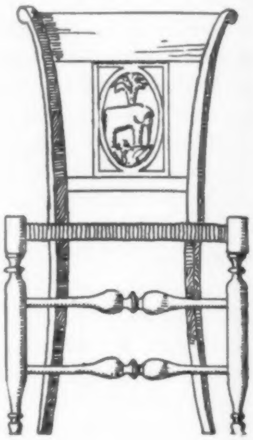
The designs of French Provincial furniture were copied from those in vogue in Paris from the time of Louis XV on. The types vary since the furniture was adapted to the local conditions of the various provinces of France, but most of them have great naïveté and charm. French Provincial is rapidly growing in popularity

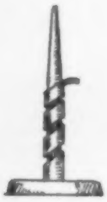
Drawings by
LURELLE GUILD

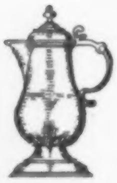
Examples of French Provincial include dressers, cabinets, a great variety of tables from the simple trestle with removable board to the innumerable small designs for books and lamps, crédences, wardrobes, cupboards, hanging shelves, bergères, and straw-bottomed chairs. The incidental pieces are among the most useful designs

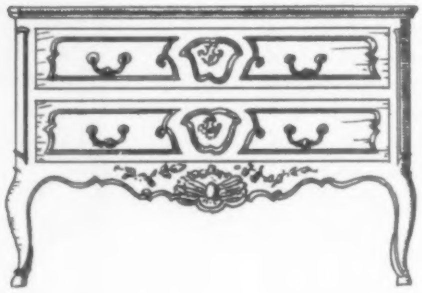


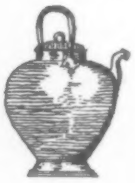


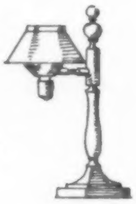


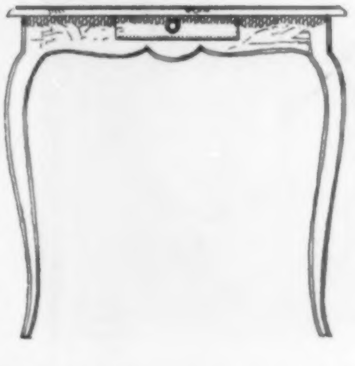


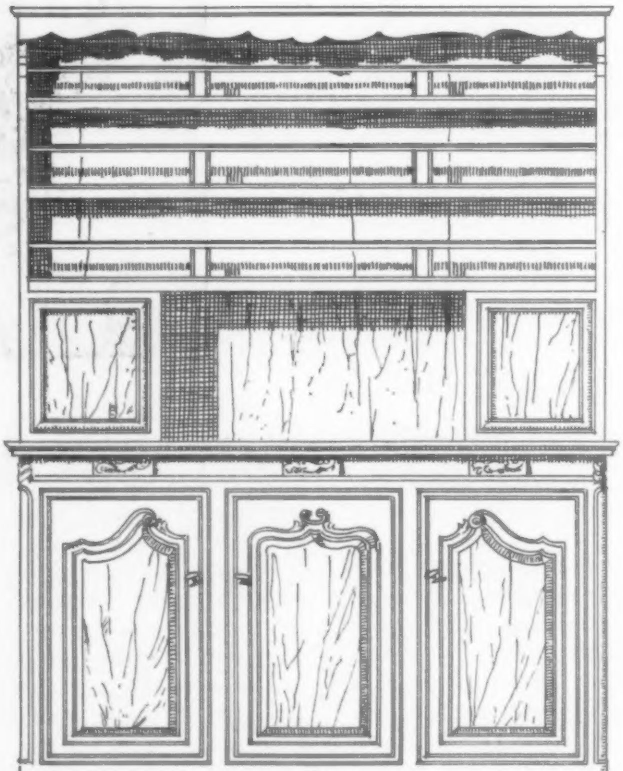


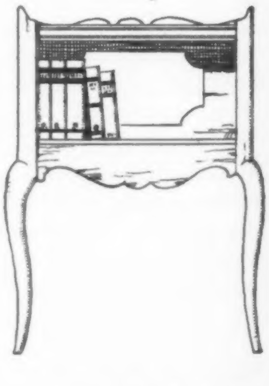


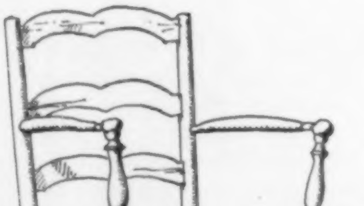


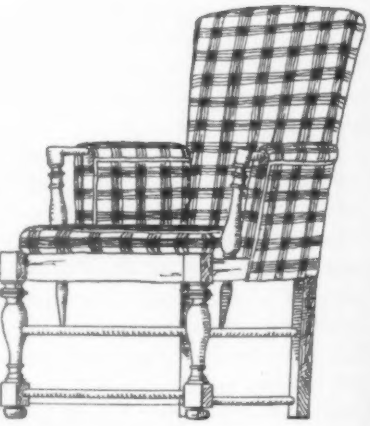












During the Renaissance, which introduced a new interest in art for art's sake and a desire for luxurious living in all European countries, France became artistically conscious and rapidly developed her social structure, her architecture, and her household equipment to a state of exquisite perfection. There is very little worthy of mention in her furniture previous to the days of Louis XIV, since what had been in use previously consisted chiefly of the great built-in beds and heavy oaken chests which made up the bulk of the household possessions of nobles and peasants alike. The standard of living was set in Paris, and furniture making, like all the arts and crafts, was modeled upon the Parisian styles.

The provincial furniture was a rural interpretation of the popular period styles, and bore the same relation to them that the American Colonial did to the English period design. It was purely peasant furniture, made from native woods, oak, walnut, chestnut, and pine, as well as the easily worked fruitwoods which allowed the cabinetmakers to develop many charming pieces with swiftness and ease.

It is interesting to note in making a study of French provincial that the geography and the climate both had a great influence on the furniture which was evolved. In Picardy, for instance, where the winters are cold and windy there were stout built-in beds with paneled doors and heavy curtains, while the hot Southern provinces produced light pieces of furniture which were easily moved about to the coolest rooms in the house. Brittany and Normandy had typical straw-seated chairs with open ladder backs, the Burgundian provinces boasted of elaborate carving in high relief, while Provence preferred the low relief work, and Alsace developed unique painted furniture of its own distinct type.

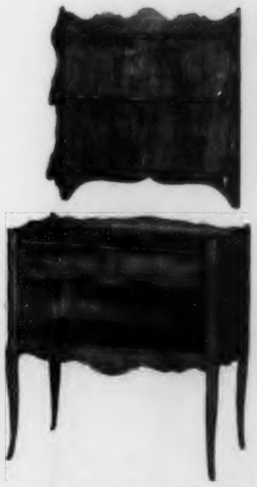
Some of the best known pieces of the French provincial furniture include the *armoire,* or large household cupboard, which is, perhaps, the most important individual example, as it varies from the severely simple designs to models displaying elaborate Baroque carving, or intricate paneling and decoration. Open dressers were popular in all the provinces except in the extreme south where doors were essential to keep out the ever-blowing dust. Beds were next in importance, and their designs were adapted to the climatic conditions, as explained above. Tables were much diversified, ranging in type from Gothic oak construction to the light graceful designs with delicately curved legs, derived from Louis XV styles. The tops showed great variety, some being plain, some having draw leaves, and some were even hinged so that the storage place underneath could be utilized for keeping the table equipment, or the daily supplies of the household.

Chairs were very crude at first, but with advancing ideas of luxury they took on sophisticated curves, and were padded and cushioned like the Paris models. The upholstery of provincial furniture has a naïveté and charm of its own as it introduces the use of gay plaid ginghams, unique toile de Jouys, and breadths of the stout quilted petticoats which were part of the costumes of the native women.

The decorative objects to be used with the modern reproductions or the rare originals of the French provincial type which are so popular with decorators and owners of moderately priced American homes should include those which were found in peasant households so far as possible. Gay native pottery, of course, should ornament the open cupboards and dressers, and pewter and brass provide the sparkling note of contrast with the mellow waxed walnut and fruitwood pieces, while brilliant fabrics are employed for upholstery and hangings.

The gay plaid ginghams and toile de Jouys which are used to upholster Provincial furniture to-day suggest the fabrics worn by the French peasants. (Stern Brothers)

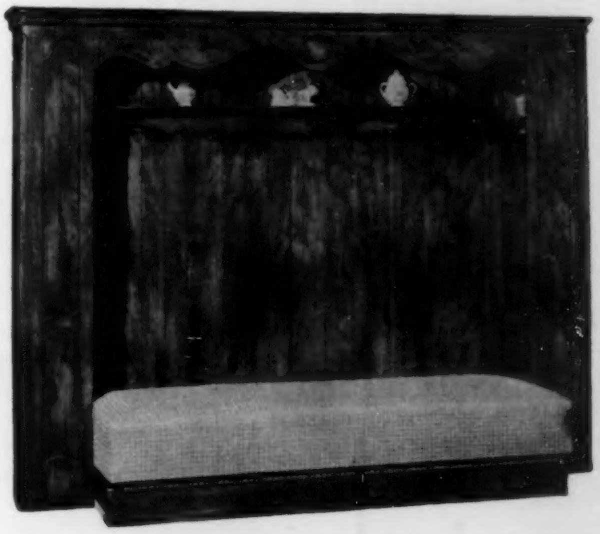
This side chair, an exact reproduction of a French Provincial model, suggests an air of sophistication. (Baker Furniture Factories, Inc.)



The French Provincial server with hanging top is a very useful combination well adapted to a small room. Top may be used alone for books. (H. T. Cushman Co.)

Light incidental pieces such as this charming little telephone table have become popular in our modern homes. (H. T. Cushman Co.)

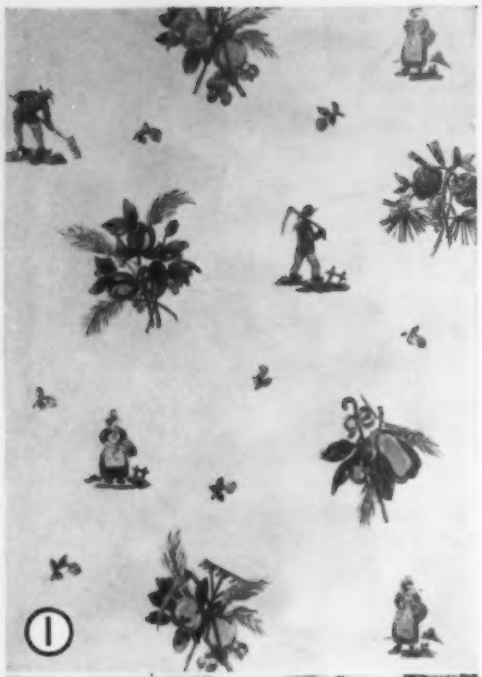
There is great diversity to be found in Provincial tables. Some are of heavy oak construction while others have light, graceful designs such as this one. (H. T. Cushman Co.)



The built-in bed is essential in the peasant country of Northern France where winters are cold and windy. This particular piece would be most effective in a modern room done in the Provincial manner. (Baker Furniture Factories, Inc.)

Pleasing Papers

That lend charm to our walls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1. *A charming paper for rooms where French Provincial or Early American furniture is used. The units of the design show peasants with farming tools, alternating with clusters of fruit and grains. (Richard E. Thibaut, Inc.)*

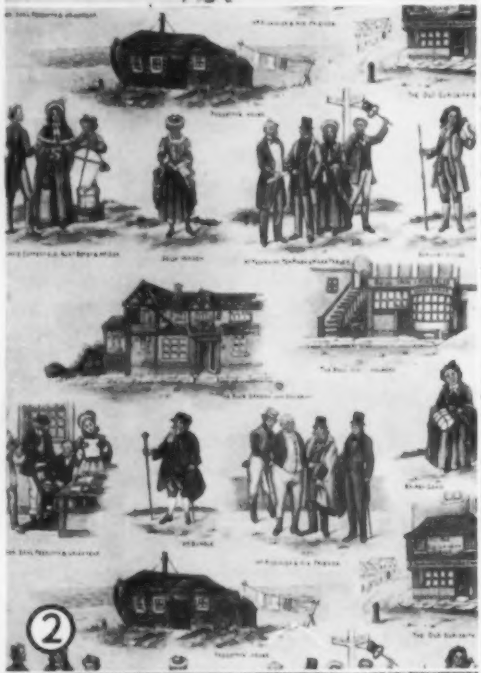
2. *This amusing wallpaper depicts some well-known scenes and characters fromDickens's books, and provides a jolly decoration for rooms furnished in the late English manner. (Jane White Lonsdale)*

3. *One of Teresa Kilham's new designs shows the influence of the romantic days of clipper ships. Here are Connecticut houses, sailing boats, anchors, stars, and fishes, as well as a tropical isle, and a quaint lady and man. (Richard E. Thibaut, Inc.)*

4. *This perfect copy of pine paneling is a new development in wallpaper made by a novel photographic process. (Horneer Panels from Kohlman & Company)*

5. *A gay naturalistic design of morning glories in bright colors, with green leaves and tendrils makes a fresh looking wallpaper for the bedroom or sunporch. (Imperial Company)*

6. *The "Cries of London" has charming copies of well-known old English prints done in soft colors. The titles are given in both French and in English under each group. (Jane White Lonsdale)*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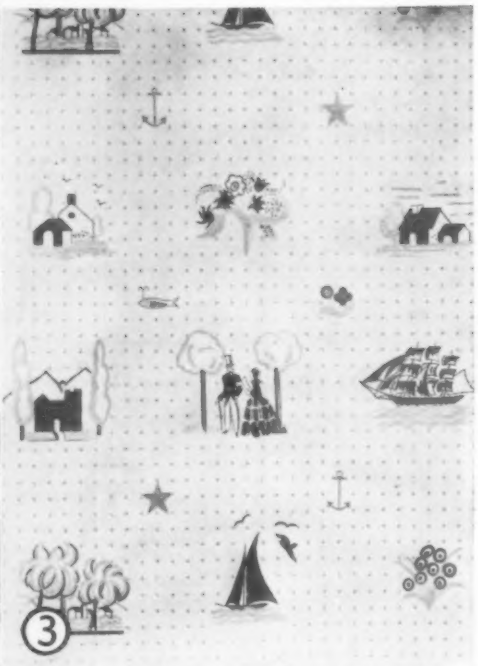
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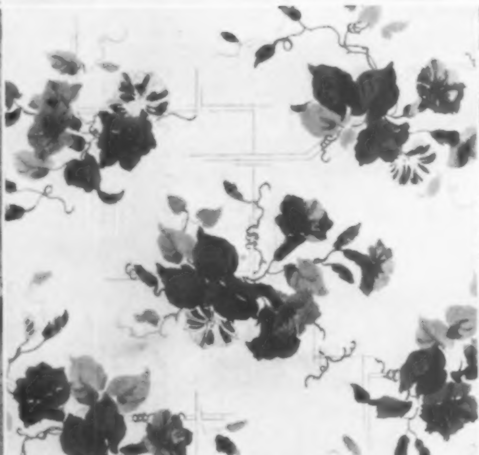
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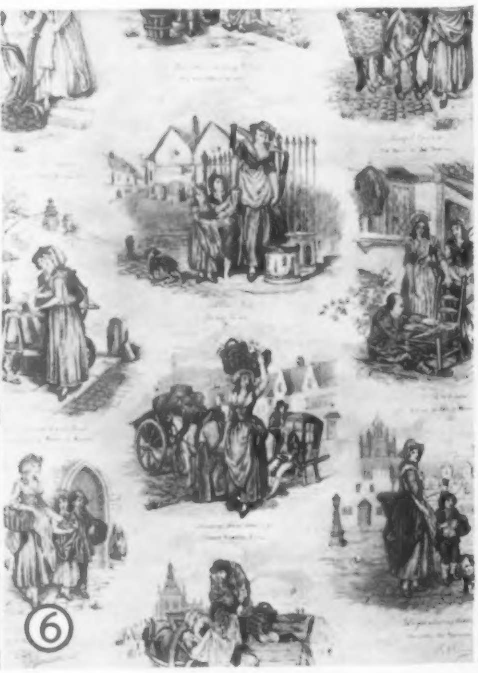
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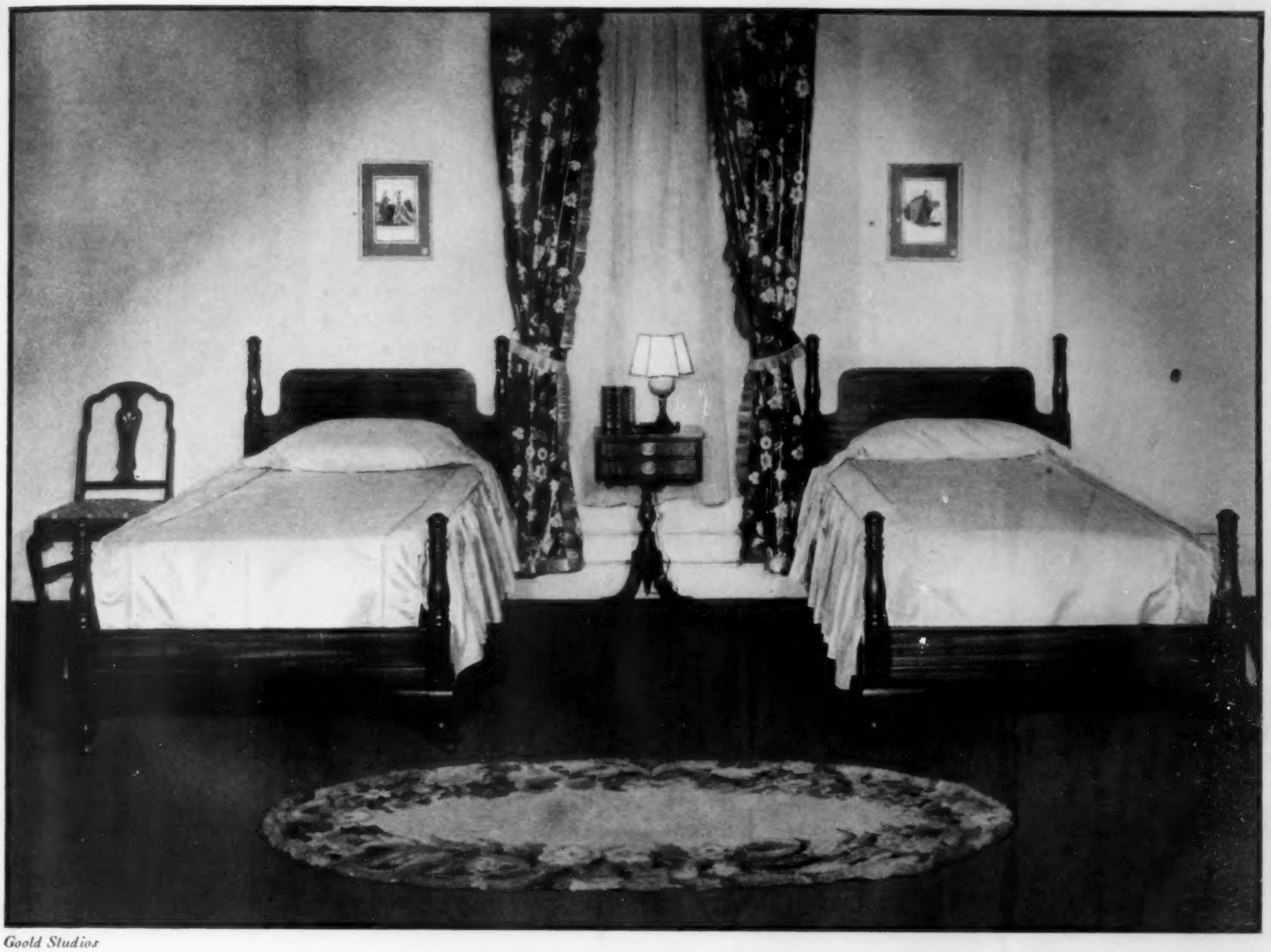


Goold Studios

Restful in its general effect and charming in detail is this bedroom with its cream-colored walls, plain sage green carpet and quaint hooked rugs, semi-glazed chintz draperies with an eggplant background and clusters of brightly colored flowers, and twin beds of mahogany and gumwood, between which stands a charming American Sheraton night table

A Budget Bedroom

The third in a series of articles in which we furnish an imaginary house on a limited budget

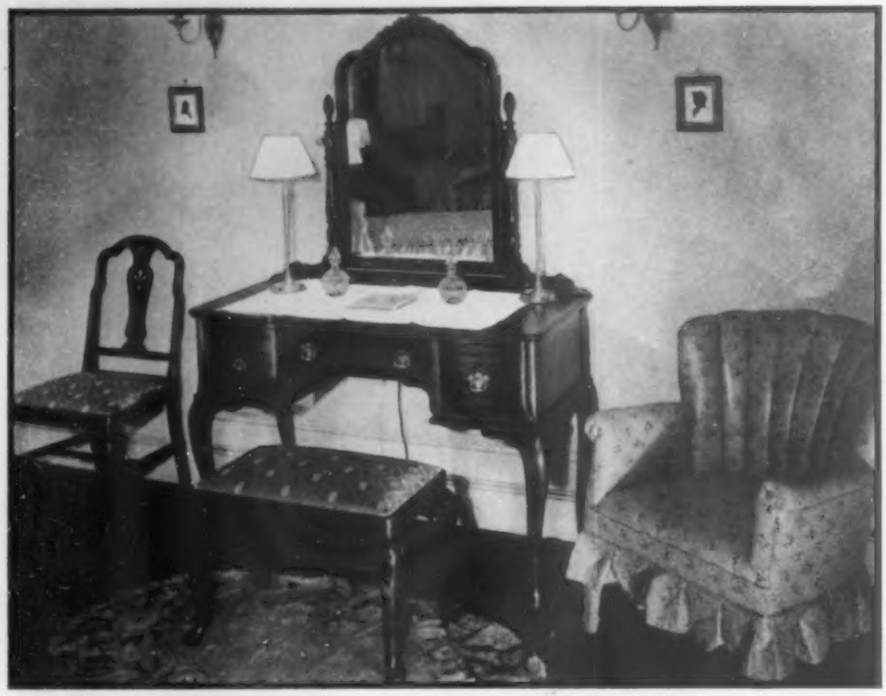
by SALLY SALTONSTALL

THE living room of our budget house was described in THE AMERICAN HOME for October, 1931, and the dining room in the December issue. In this month's magazine we shall tell you about the master bedroom, which, in compliance with the Department of Commerce figures by which we are furnishing our house, should cost $600. This, you will remember if you read the other articles, is based on a total budget, exclusive of the kitchen, of $3000 for the whole house.

Our acknowledgments go this month to the decorating staff of Stern Brothers, of New York City, who have coöperated with us in presenting the best designs and values which are possible within our budget.

The master bedroom should have a restful aspect and therefore the walls and woodwork of our room are painted a warm cream color, with the ceiling a few shades lighter. The floor is covered to the walls with an all-wool carpet of soft, plain sage green, on which are spread hooked rugs whose naïve coloring and quaint handiwork add an interesting touch to any interior where they are suitable to the type of the decorations.

The furniture used in this room is distinguished for its



Especially selected for the feminine occupant of this bedroom is a vanity dressing table with sufficient drawer space to hold her beautifying accessories. The boudoir chair is covered in gold-colored chintz

dignified, restrained lines. It is made of gumwood and mahogany for the most part, and both the workmanship and finish are excellent. In view of the low price (for all prices see the list at the end of the article) this set is a great bargain, and well within the reach of the average buyer. We used twin beds which are 41″ wide, and 6′3″ long, the height to the top of the headpost being 42″, and to the top of the lower post 27″.

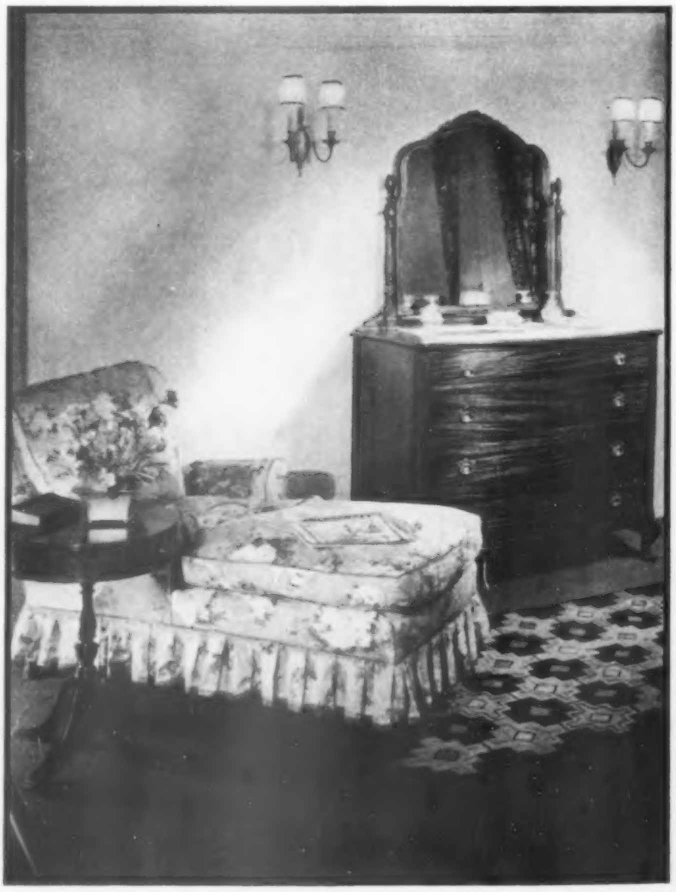
We have provided the feminine member of the family both with a large dresser or bureau and a luxurious vanity table, while the masculine side of the house has his own chiffonier, with an adjustable mirror to stand on the top. This, with the full length built-in mirror in the closet door, provides plenty of mirror space in the room, and there is nothing more satisfactory when two people are dressing in a room. The dresser is 44″ wide, 20¾″ deep, and 36¾″ tall to the top of the base. The comfortably large mirror is 27″ x 27″ and is framed in a decorative beveled molding with a tiny carved shell at the top. The turned posts, between which the mirror is suspended, are good looking, and the hardware which is an adaptation of the old "willow" pattern goes admirably with the dignified style of the pieces.

The chiffonier has five deep drawers which will provide space enough for any man to keep his intimate wardrobe in, and on the top the adjustable mirror proves a great convenience on the mornings when its owner is in a hurry, and the family seemingly conspires to keep him out of the bathroom. If, however, he does not wish to have the mirror the chiffonier is finished like the bureau with an upright piece at the back displaying a carved shell in the center.

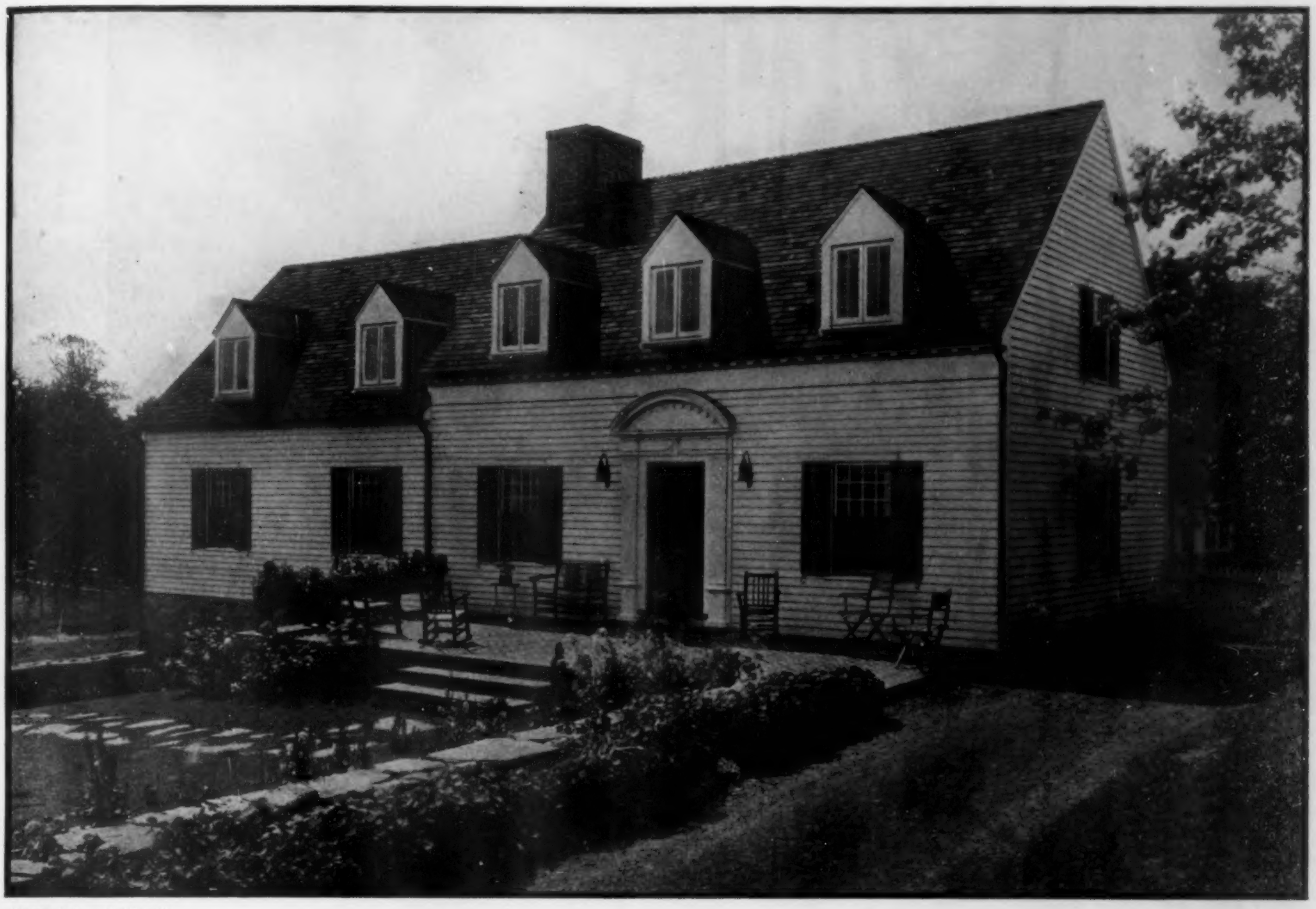
Across the room is the charming vanity dressing table which will make the most domestic of housewives feel frivolous and gay as she sits before it to dress for a party. It is 42½″ long, 20″ wide, and 31″ tall, and has a large mirror as well as three drawers, a deep one on each side, and a long shallow one in the center in which to keep all the containers which have to do with the magic art of keeping beautiful. A pair of tall dressing table lamps shed their rosy light over the table, and add their decorative value to the effect. There is also on the table a pair of sparkling glass toilet bottles which were made in Sweden, and are displayed to advantage on either side of a tray of French tôle with gay painted decorations of flowers.

The bench before the table has Queen Anne legs to match the rest of the set, and is charmingly upholstered in blue-green brocade with silver and rose figures. The side chairs which go with this set are upholstered in the same material, and are the usual side chair size which is 36″ tall, with the seat 18″ from the floor.

The quaint hooked rug before the beds is of antique workmanship, and is done in soft tones of beige, gray, rose, and dull green, on a black background. It is 86″ long, by 36″ wide. The two other rugs in the room are beautiful, modern, and hand tufted in the softest (*Continued on page 300*)



What woman would not be delighted with a chaise longue in her bedroom on which she may relax for "forty winks?" This one is upholstered in figured chintz. Beside it is conveniently placed a small drum table of Sheraton type. The bureau, like the other pieces, is Queen Anne in style



Mattie Edwards Hewitt

Before passing through the Colonial doorway of this charming Connecticut house one cannot resist glancing back at the sunken grass plot and bordering low stone wall flanked with riotous bloom

A Modern Expression of Connecticut Tradition

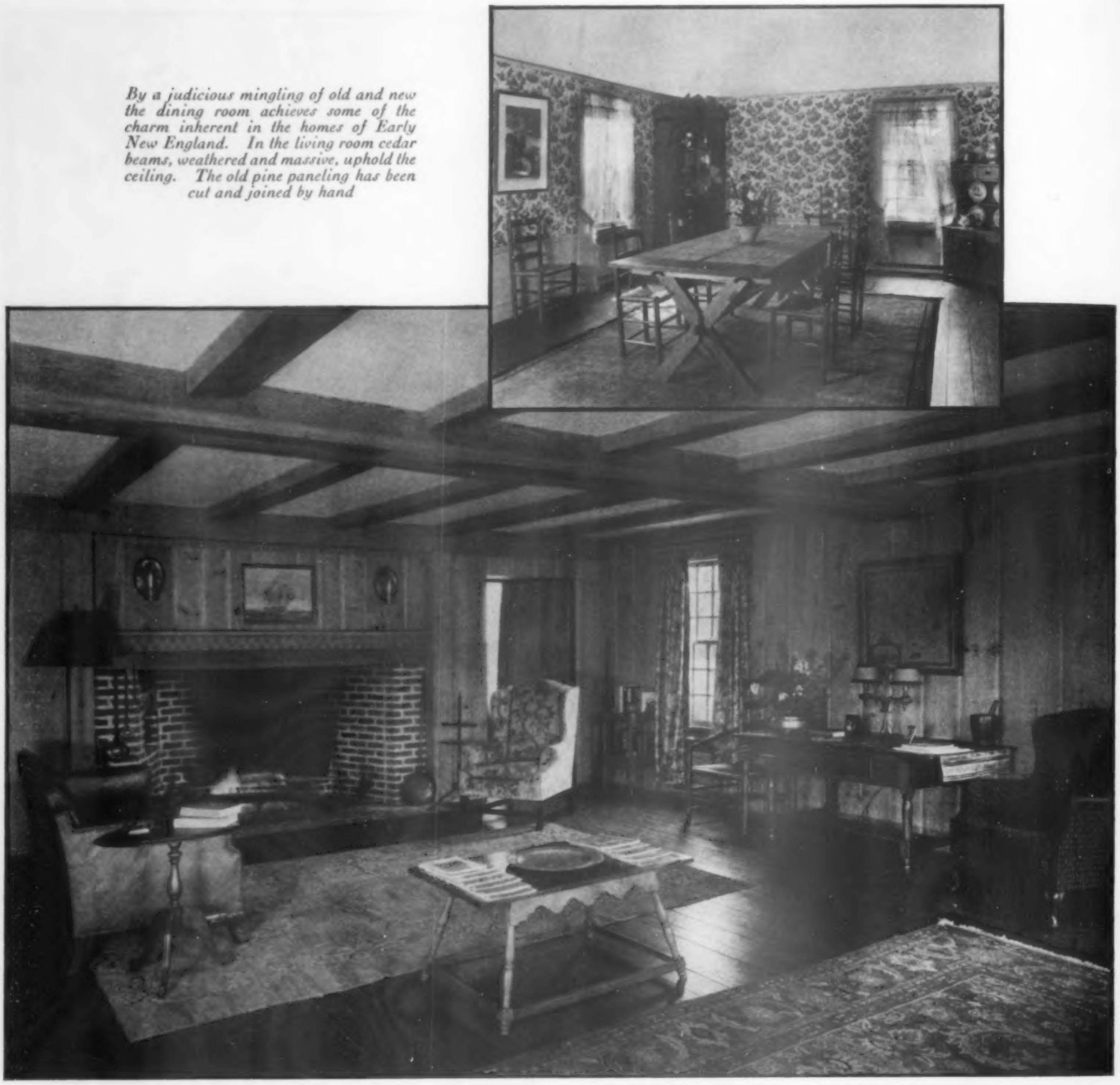
by MARJORIE LAWRENCE

A long, low white building with green blinds seems to belong to Connecticut soil. When you add a shingled roof, fieldstone foundations, and a bit of picket fence, you have a house that fits its surroundings as though it had been painted in by a very knowing artist. When the late afternoon sun gilds the weathervane and a soft May breeze stirs gently through the apple trees, the setting is irresistible.

A country house should have a casual air. It should remain unperturbed by small, muddy feet and should offer wide areas for indoor distraction. All this and more is true of this unusual home at Greenwich, designed by James C. MacKenzie, Jr. The house, garage, and stables are connected, and the archway through which one approaches the main entrance provides the link between the units.

This is a house which grew in the planning and it has the pleasant atmosphere of adaptability which distinguishes such homes. As the house was first planned, the kitchen wing and the rooms above it, together with a much smaller section of the present living quarters, were to constitute the entire building, including garage space. The original garage is represented by the two small arches at the left of the big arch. When it was decided to add further garage space in the stable quarters, the doors were pushed back to admit of a kitchen entrance at the left. The living room also grew in size and was built farther out into the garden.

As the house now stands, it suggests the letter T in shape, with the stem of the letter lying parallel to the main highway. The house proper forms the head of the letter and is



By a judicious mingling of old and new the dining room achieves some of the charm inherent in the homes of Early New England. In the living room cedar beams, weathered and massive, uphold the ceiling. The old pine paneling has been cut and joined by hand

at right angles to the stables and garage. Driving through the main archway, you continue around the building until the brick terrace is reached. Here, a nice Colonial doorway provides the main entrance.

But you will want to pause on the doorstep and look about you, before going indoors. Directly in front of this section of the house, but several feet below its level, runs a wide strip of green lawn, enclosed by a low stone wall whose top is flush with the terrace. Bordering the wall on the inside are rows of flowers, and flagstones cross the grass as an approach to the house from the other side of the driveway.

The living room, to the left of the entrance hall, is unusually large and full of character. The ceiling is supported by massive hemlock beams, brought down from an old granary in northern New York and fitted together in the fashion of our forefathers. The knotty pine paneling of the walls is not milled, but old wood which has been cut and joined by hand.

The wide fireplace with its denticulated molding is surmounted by a painting of a sailing ship and a pair of pewter sconces. Straight curtains of a scenic linen, with rose and blue predominating, add to the simple, unsophisticated air of this charming room. The furniture is mostly maple and the red leather couch at right angles to the fireplace provides an interesting color accent.

The dining room, to the right of the entrance hall, has somewhat the same sturdy quality of the living room but, in this case, the atmosphere is created by the furnishings rather than the architectural features. A toile paper has been employed above a dado, painted pale green like the rest of the woodwork. A simple stretcher table and rush-seated chairs are used to good effect, and a tall old cupboard stands in one corner.

The stairway to the second floor is not in the entrance hall but is to the left of the living room. Having climbed the stairs, we find ourselves in a room

(Continued on page 289)

The Daily Dishes

Efficient equipment minimizes an unpleasant duty

by HELEN B. AMES

As a Southern mountain girl said, when found at the dishpan by visitors at the farm school where she was earning an education, "dishwashing wouldn't be so bad if it wasn't so plumb constant." And, however expressed, this is the general attitude toward that unavoidable aftermath of every meal. The most frequent complaint against dishwashing is its unfailing regularity.

Yet this very repetition, by its constant reminder of the disagreeable features of doing the dishes, has been indirectly responsible for the mechanical appliances, the soaps in many convenient forms, the well-planned kitchens, and the simplified methods which now shorten each performance. Like every new device, product, or short-cut that relates to household duties, modern dishwashing efficiency owes its inception to an intelligent distaste for the monotony of the task.

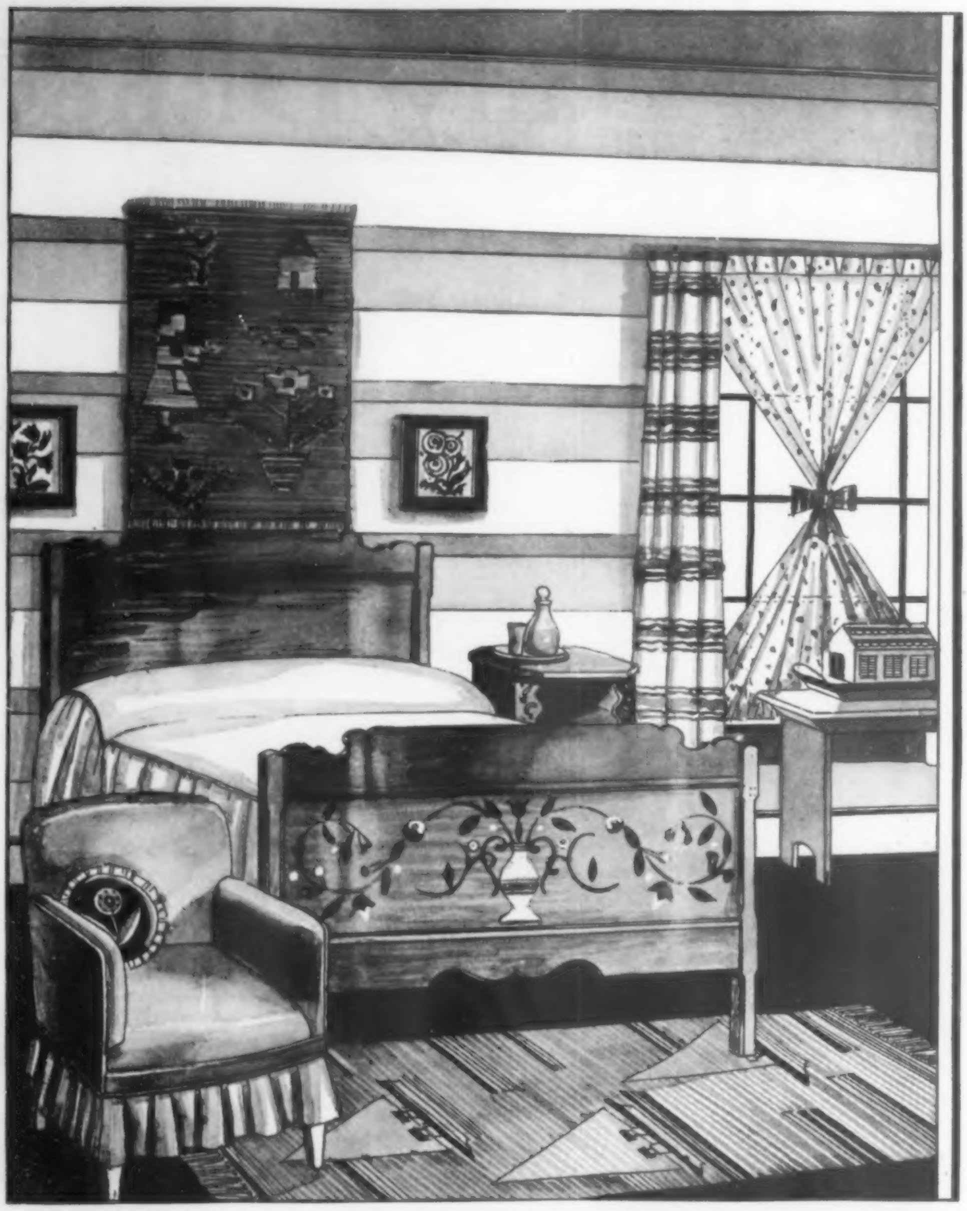
Smooth-running routine, recurrent though it is, brings satisfaction not only in the outcome but in the doing. And there's a gratifying element, too, in the transforming powers of the simplest agents of the task—plenty of hot water and soap. It's the sudsy bath that makes your china gleam and your silver shine, renewing thrice daily your pleasure in their ownership. But given these essential factors, the job can be further simplified by an intensive study of modern appliances and methods. Whether you seek to lighten your own labors or to speed up a slow-going kitchen incumbent, take an inventory of your equipment and then start out bright and early some morning on a trip through local hardware and department stores, to find out what additional aids are available. You will discover many new gadgets and larger appliances, as well as old ones in a new guise.

You have your choice of three ways of washing dishes: in a dishpan, with running water and a faucet spray, or by means of a mechanical washer. If you still cling to the time-honored method, perhaps you need a new pan. New to many people, but long familiar to others, is the fibre dishpan which is a little higher priced than those made of other materials but may save money in the long run. The largest size costs about $5.00. This type of dishpan must be carefully drained after using, as otherwise it will get pulpy and deteriorate. With proper attention—a matter of a few seconds' time after each washing—it will last for years.

Or perhaps it's time to scrap the dishmop. Even here you can get a little excitement out of the purchase by picking out the most durable one to be found. Those of fairly strong fibre, twisted into a wire handle, will give the best service. Some women prefer a circular brush, since this readily gets the dirt out of corners and curves. And the variety of (Continued on page 290)

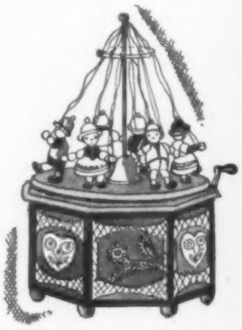
Courtesy of Cleanliness Institute

To minimize the final dishwashing, cooking utensils and baking dishes should be washed and put away whenever possible during the preparation of the meal. A mechanical dishwasher not only makes the task more interesting but also helps to keep the kitchen looking neat. (Conover Dishwasher)



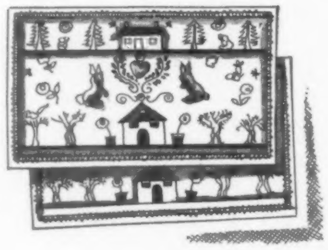
This cheerful section of a nursery combines bold designs in perfect harmony. Finely striped homespun hangings with a touch of red accord with widely striped washable wall covering in blue, yellow, and green. The cotton rug used as a wall hanging and the one on the floor are German imports (Mandel Brothers). The grounds of both of them are gray and their designs feature the primary colors. Most appealing and permanently useful, too, are the Hungarian peasant bed and night-stand of beech and maple, with vivid floral decorations (Baker Furniture Factories). The chair in the foreground is chintz covered. (Childhood, Inc.)

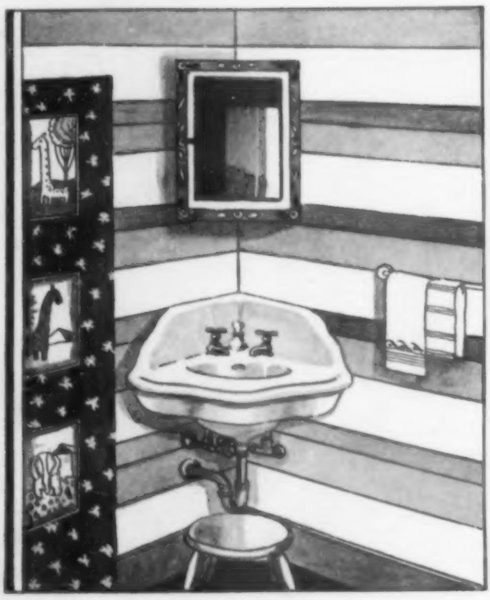
If not its private midget radio, surely a nursery should have its own music box. A Tyrolese one on which rotund wooden figures disport stands eleven inches high. (Rena Rosenthal)

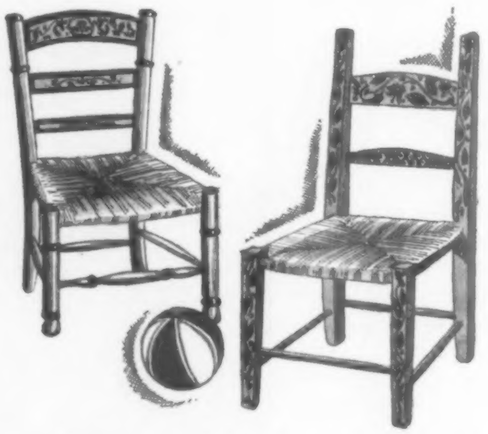


A bath adjoining the nursery is the ideal thing, of course. When this is not possible, a wall basin in the nursery solves the problem of available water for repeated washings of little hands, as well as for paint brushes and floating toys. (Crane fixture)

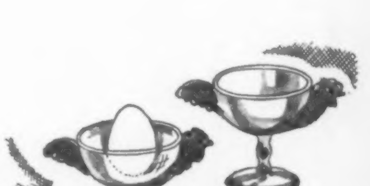
The paper table mats at the right decorated by the inimitable Tony Sarg are full of whimsey and represent a practical saving, too. (Package Paper Co.)







Ladder-back chairs of various extractions have a happy faculty for congenial relation. For instance, the chair at the left above has Spain to thank for its decorative design; the one at its right is grateful to Italy. Both have rush seats and both are embellished in red, yellow, and green. (Childhood, Inc.)



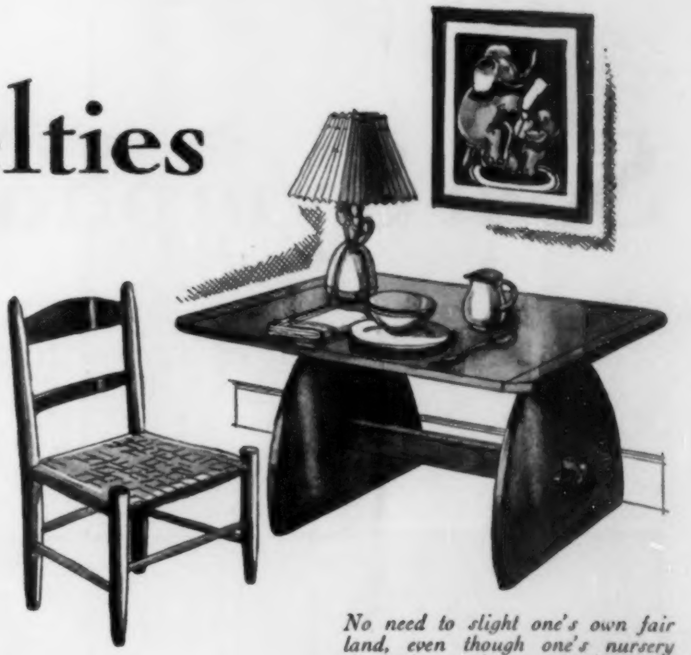
Individual egg and toast sets make parties of nursery breakfasts. They feature rooster-footed egg cups of crystal decorated in black and red, and black trays. (Sidney Weinberg)

Nursery Novelties

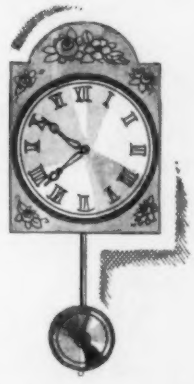
From many nations

by ADELE WYMAN

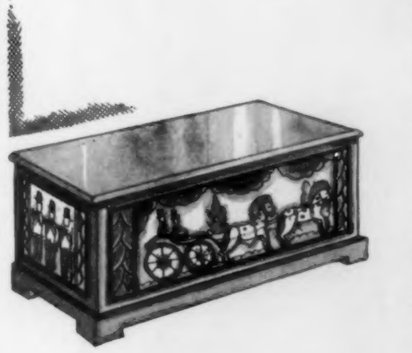
Illustrations by
Laurence Guetthoff



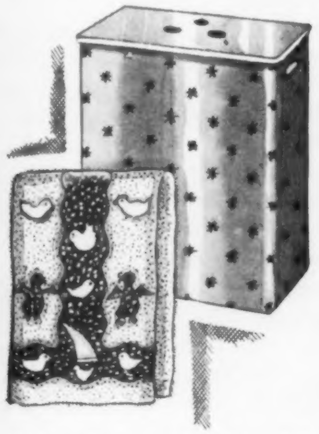
No need to slight one's own fair land, even though one's nursery decorating endeavors do favor the colorful fruits of foreign parts. For among the most whimsically decorated peasant furnishings certain Colonial pine pieces can be perfectly "at home." A trestle table in pine may be had either with a harmonizing bench or with the rush-bottom chair that accompanies it in the sketch. (Childhood, Inc.)



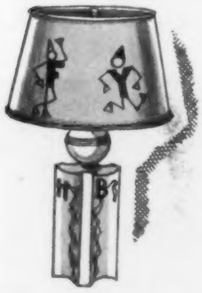
Hickory, dickory, dock—a Swiss wall clock. It has prim posies for decoration and runs with two weights. (Childhood, Inc.)



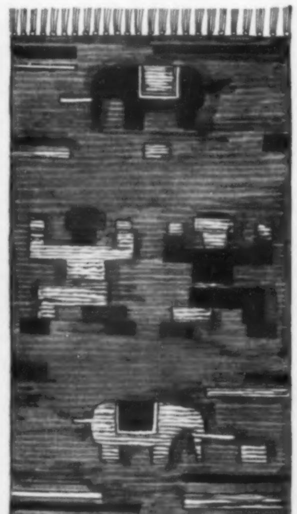
The chest which provides storage space for toys, and serves as a handy seat besides, is almost indispensable to the nursery. This one is delightful. Its decorations consist of soldiers, horses, and carriages in lively colors. (Childhood, Inc.)



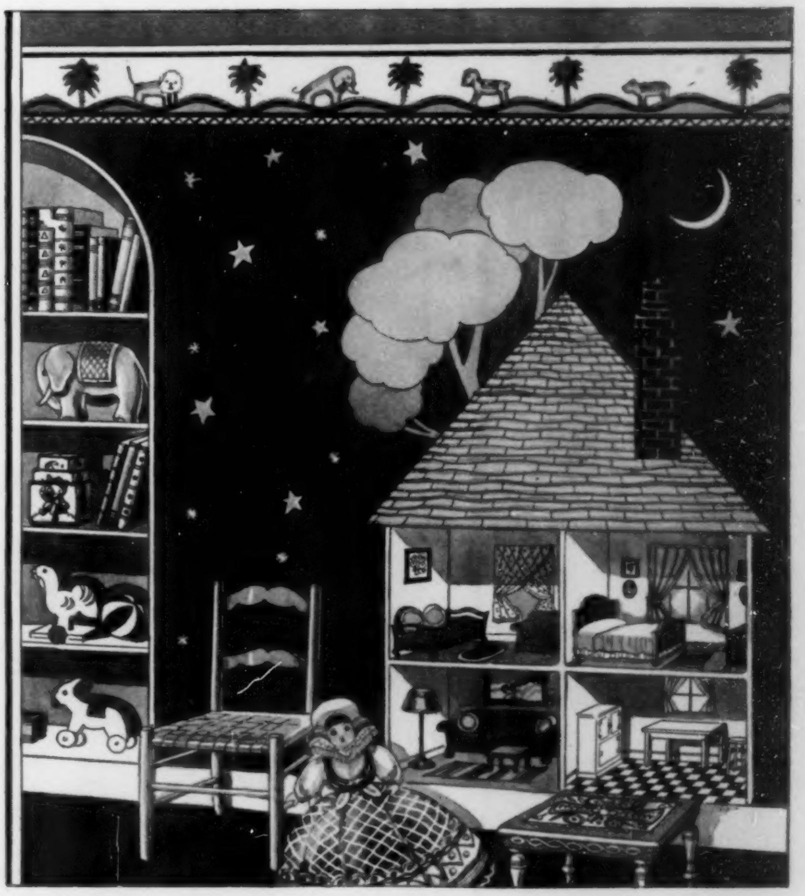
A hamper covered with print paper (Mary Ryan) is not too assertive for the nursery bath that may be blithely decorated in other respects. The towel has a title: The Duck Pond. (Cannon)



New nursery lamps are full of entrancing ideas, but the one above seems especially well suited to the nursery that is boldly decorated with respect to walls and furniture. (Mary Ryan)



The whimsical motifs on this cotton rug from Germany feature no less than five lively colors on a fascinating mustard ground. (Mandel Brothers)



Need the nursery be the same all the way 'round its walls? Indeed not! Horizontally striped Salubra for three walls, then, and blue paint with stars and trees applied, for the fourth. Provide a stool on which a little girl may sit while arranging her doll house. Perhaps it will be Russian. (Martin S. Breslauer & Co.)

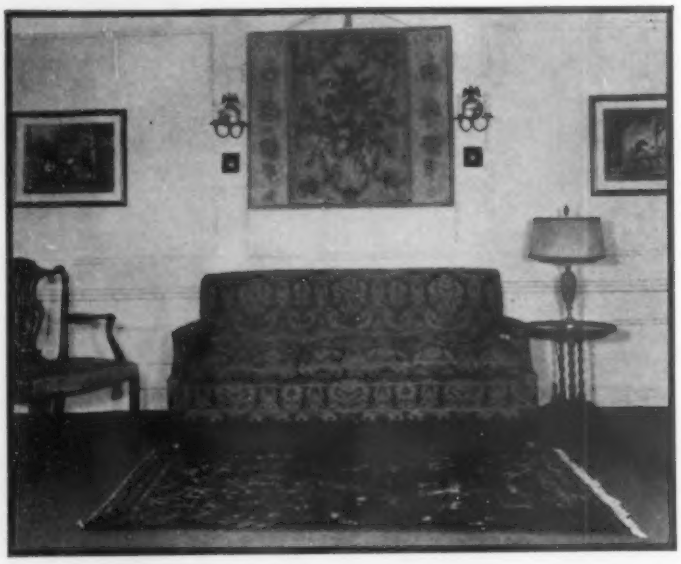
Sofa Symphonies

Choose the right fabric to fit the rôle

by HENRIETTE WEBER

THE sofa or davenport (call it what you will), being the largest piece of furniture in a living room—unless there is a grand piano—can do a lot toward sounding the keynote of the room it occupies. You can make your sofa perform quite a variety of rôles simply by changing its covering.

To illustrate this possibility, I'm going to use an average overstuffed davenport type, as pictured here in two ways. This popular item of furniture may even be a complete bed in disguise, and there are many other variations. In any case it is a useful, convenient, and an often necessary article in the home furnishing scheme, and I believe it is quite safe to say that practically every household owns one.

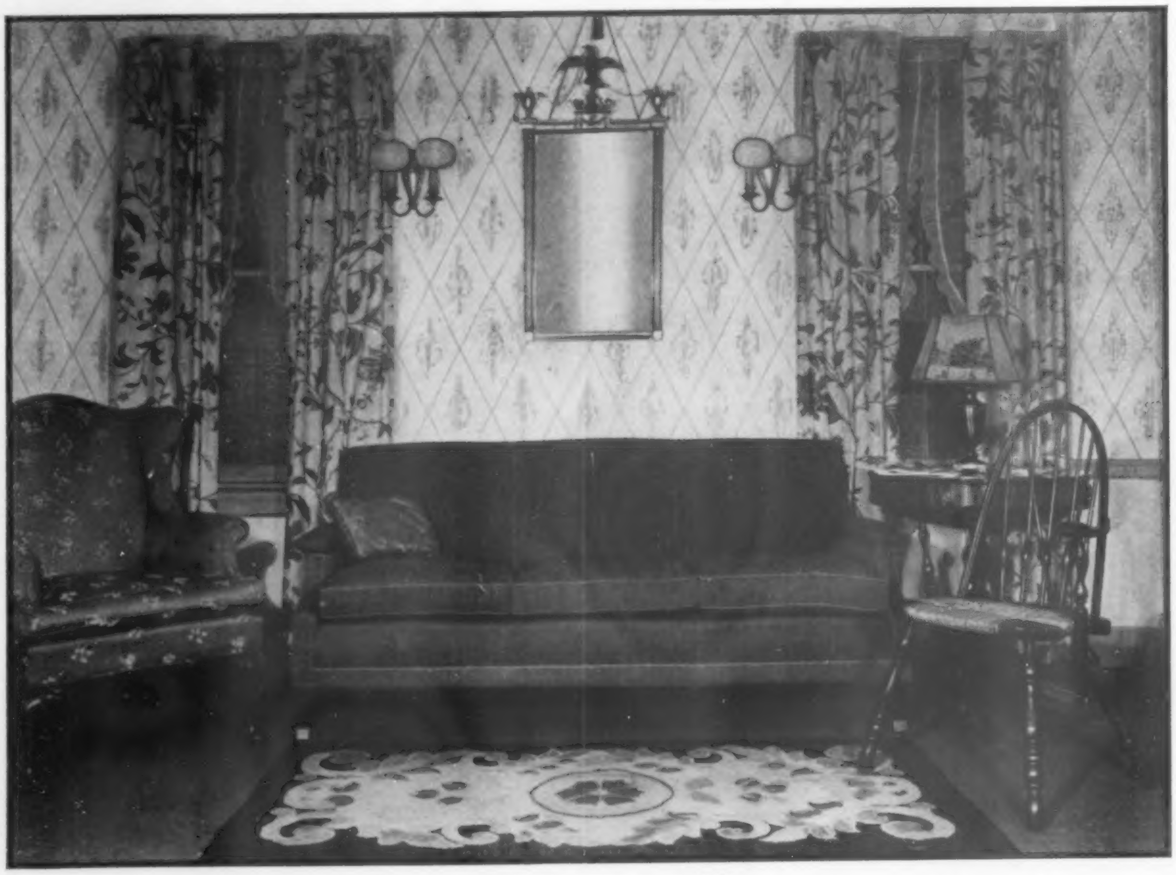


That question being settled, how pliable is this large item going to be when it comes to radical changes in your furnishing plans?

To start with, let's assume that your living room has an air of friendly informality. Then your davenport (or overstuffed sofa) can well take onto itself a gayly flowered chintz or cretonne for a covering. And, if you don't mind the expense, you can use one of the many stunning hand-blocked linens. In fact these are so beautiful that they often are combined in the same room with rich damasks or brocades.

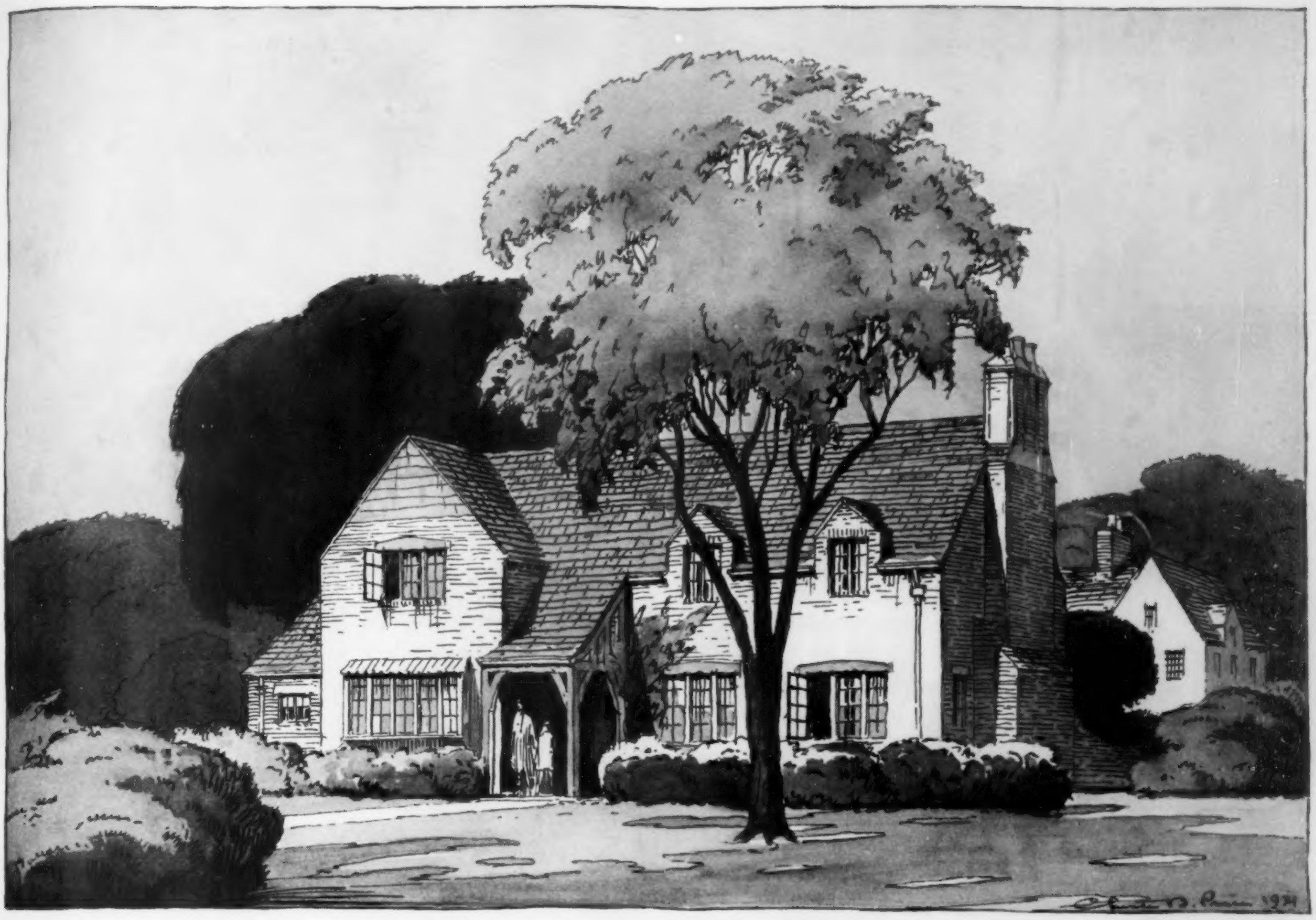
But, for the sake of argument, let's adhere to moderately priced chintz, which is available in a gratifying range of colors and designs, and is a material that may be applied in a strictly upholstered style or it may be used for a slipcover, even to the carefully pleated petticoat.

Now, if your heart's desire is a somewhat more dressed up note, there are the gracious and durable cotton tapestries to be counted on, forming one of the most dependable families of fabrics in the entire list. Here you find variety and range of price, quality, color, design— (*Continued on page 294*)



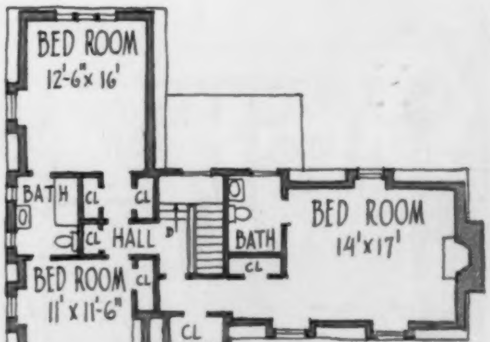
The sofa shown above, upholstered in a lovely russet-colored damask, would be quite appropriate in a formal room where dignity and elegance are required

At the left is the same sofa upholstered in an inexpensive fabric called Essex cloth. Here it takes its place very suitably in a restful room of Colonial atmosphere. (Photographs courtesy W. A. Hathaway Co.)



A House of Sunshine

With English casement windows


BED ROOM
12'-6"x 16'
BATH
H
CL
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HALL
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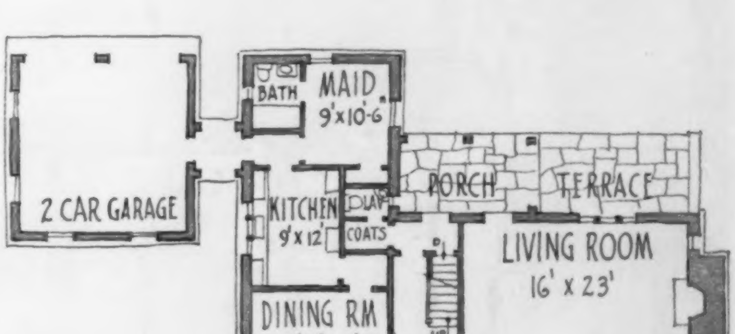
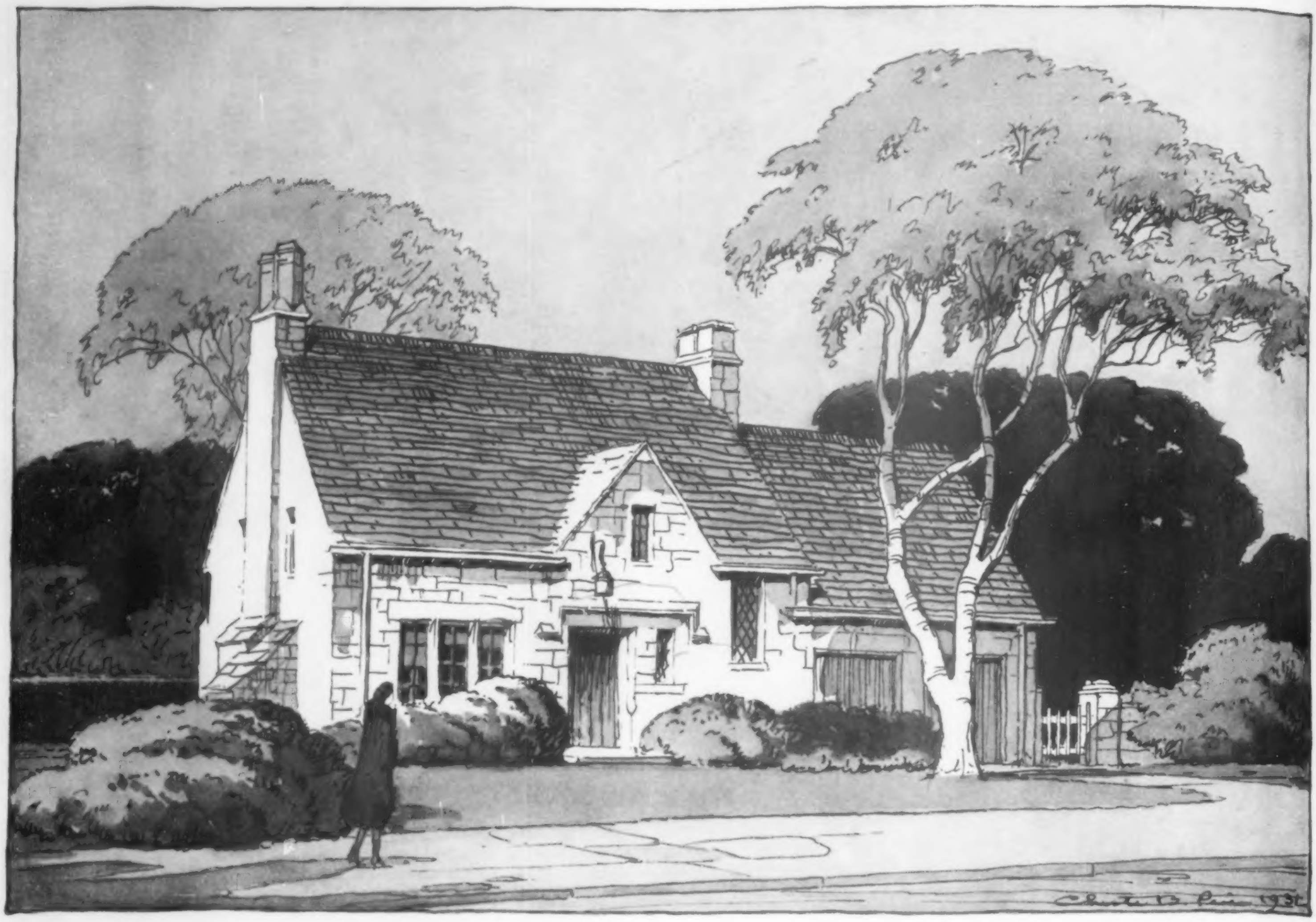
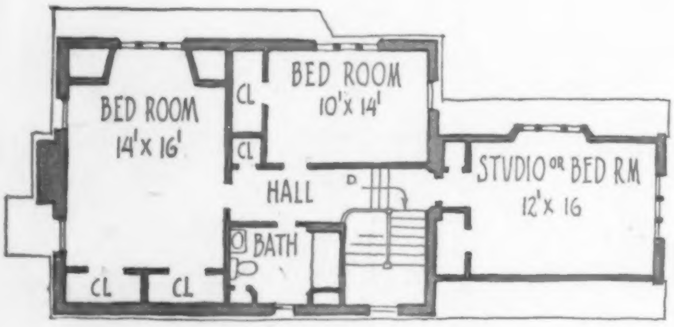
BATH
CL
BED ROOM
14'x17'
BED ROOM
11' x 11'-6"
CL
CL

One of the charming features of the Tudor style of architecture is the banks of casement windows that let in the utmost quantity of sunlight and fresh air. Such a house, designed for The American Home by Richard S. McCaffery, is shown above. It has the typical rambling plan that permits perfect freedom in placing and arranging the rooms. In this case, too, the L-shaped plan affords shelter to a covered porch and an out-of-door terrace opening off the living room and hall

Mr. McCaffery estimates the cubical contents of this house at 33,400 cubic feet. It would probably cost about 40 cents a cubic foot, or $13,360 to build in the New York area. The living room is of excellent proportions. The large fireplace in the end wall, the casement windows, and the French door opening on the covered porch all contribute to its charm. The front wall of the dining room is almost all windows. The three bedrooms all have cross ventilation and the master's suite is of particularly good size. A fireplace in this room will serve to cheer the dourest heart on a wintry morning

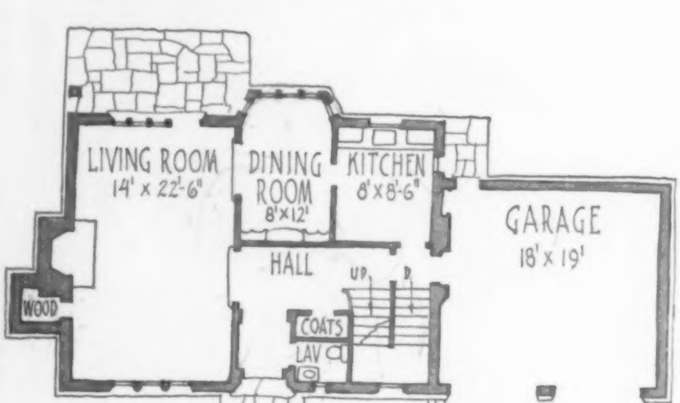

BATH
MAID
9'x10'-6"
2 CAR GARAGE
PORCH
TERRACE
KITCHEN
9'x12'
LAV
COATS
LIVING ROOM
16' x 23'
DINING RM
12'-6"x14'
UP
HALL
PORCH




BED ROOM
14' x 16'
CL
BED ROOM
10' x 14'
CL
HALL
D
STUDIO OR BED RM
12' x 16
BATH
CL
CL

COTSWOLD CHARM

Seven rooms for $12,000

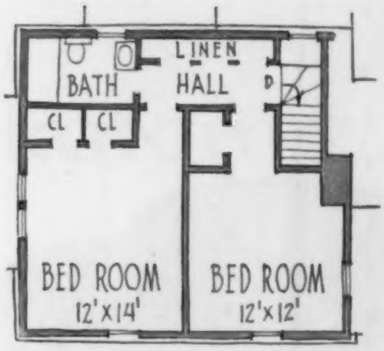

LIVING ROOM
14' x 22'-6"
DINING ROOM
8' x 12'
KITCHEN
8' x 8'-6"
GARAGE
18' x 19'
HALL
UP
D
WOOD
COATS
LAV

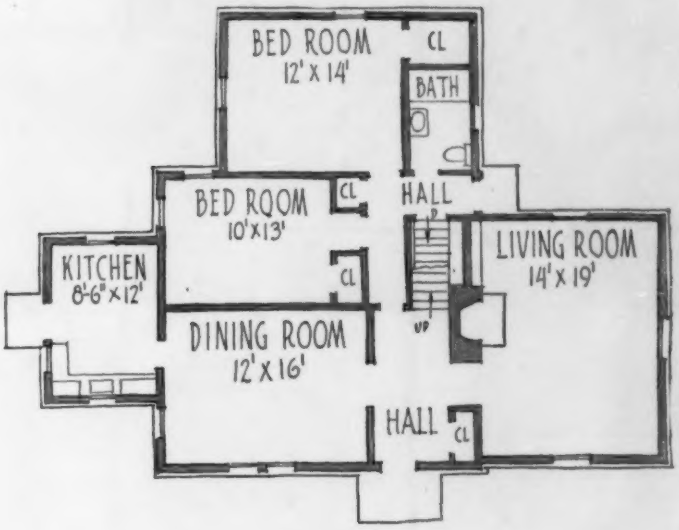
This delightful cottage, in an authentic English style, was designed for us by Otho McCrackin, a talented architect of Hutchinson, Kansas. He suggests that the house be built of stone, as in the original Cotswold manner, or of whitewashed brick with a stone trim. The roof should be of provincial tile or a heavy slate. In these days of reduced wages for labor it is probable that this home, even in stone, could be built for 40 cents a cubic foot

The cubical contents of this house is estimated at 29,200 cubic feet and the probable cost of building is $11,680. We believe you will find the floor plans, shown at the left, worthy of careful study. The entrance hall contains a coat closet and a lavatory closet. The large living room is well lighted and opens on a flagstoned terrace. The dining room, or dining alcove, has cupboards built in against one inside wall. There are two bedrooms and a bath on the second floor with room for another room and bath over the garage

A COLONIAL COTTAGE

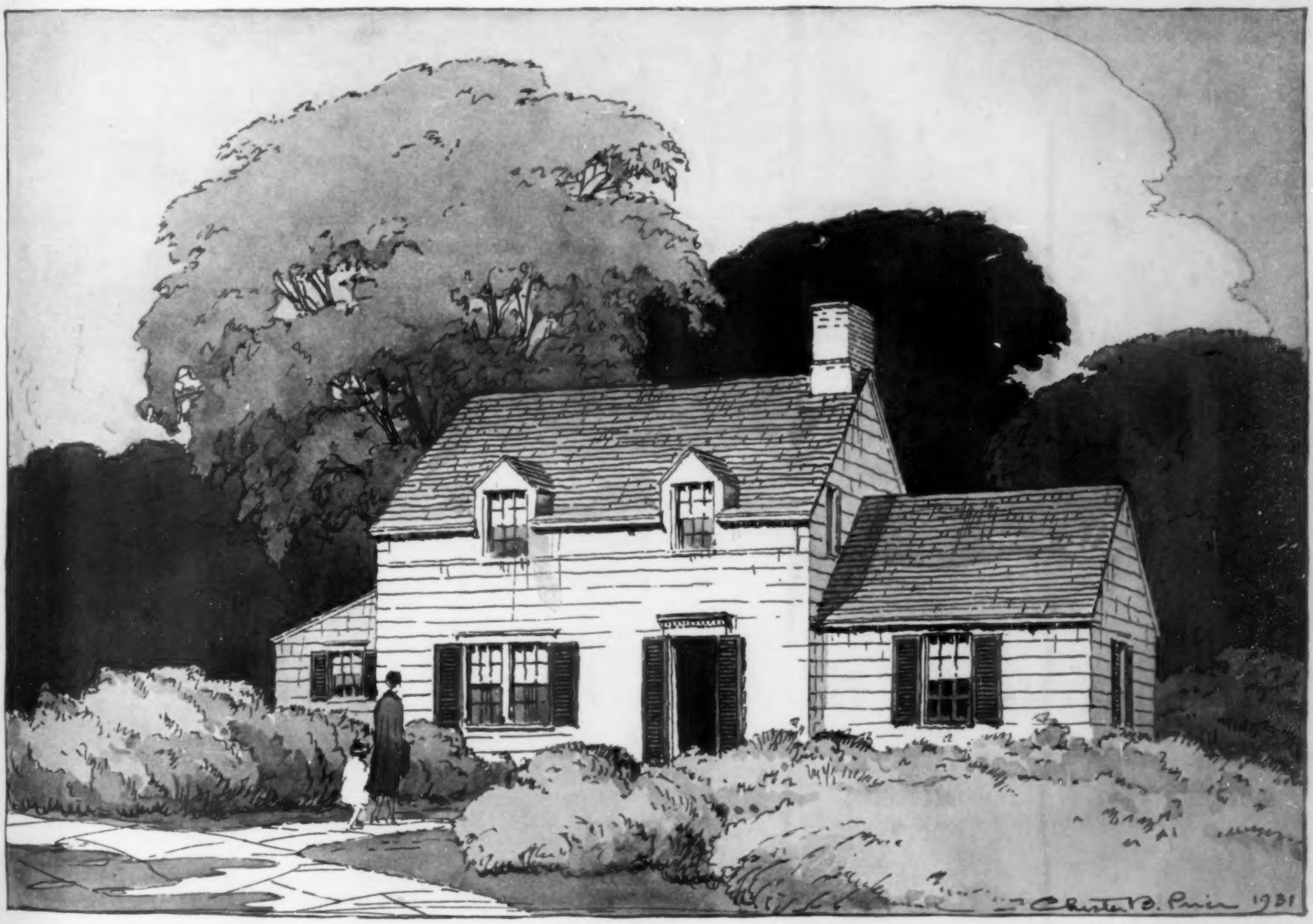
Costing less than $9,000

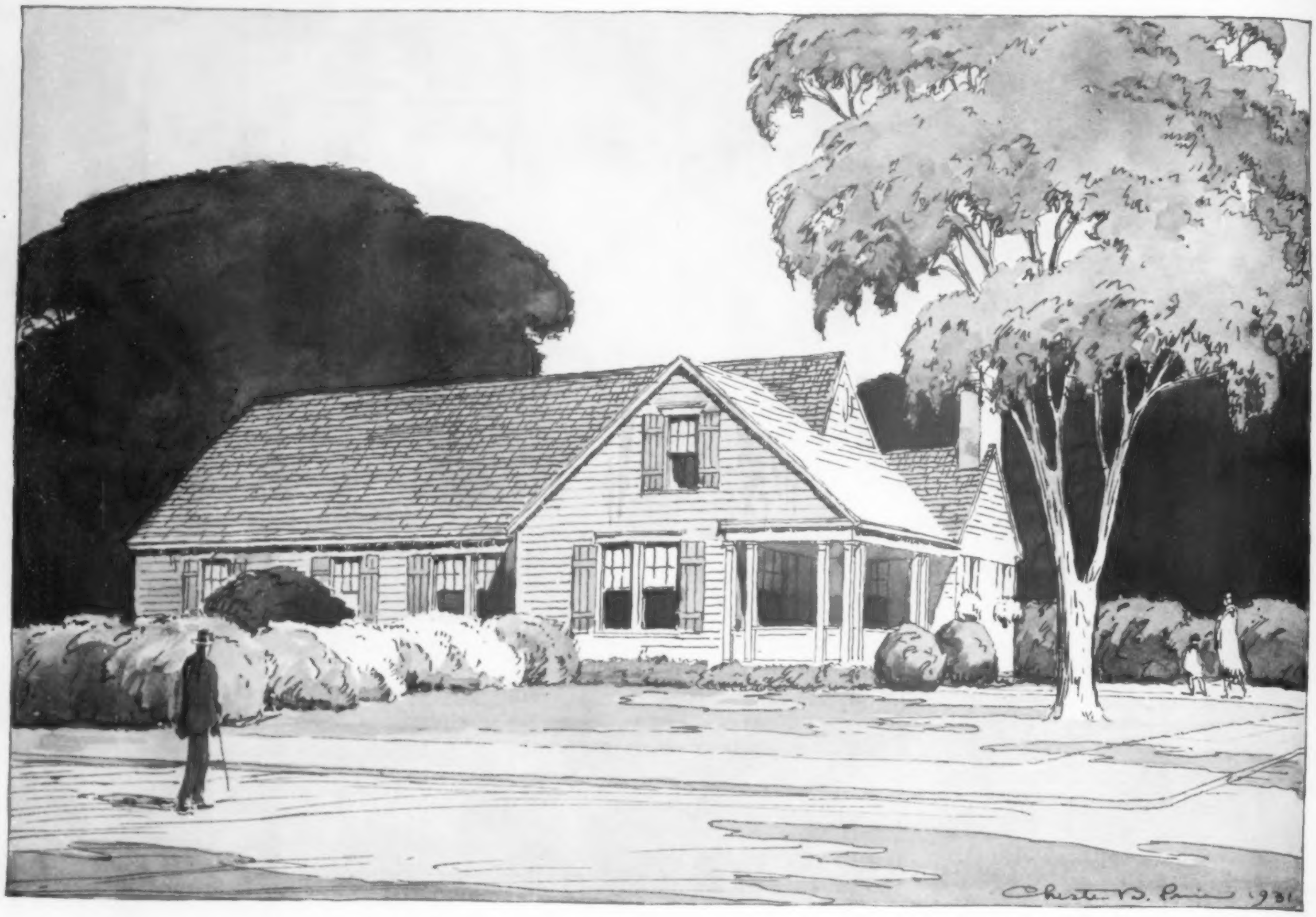

LINEN
BATH
HALL
CL
CL
D
BED ROOM
12'x14'
BED ROOM
12'x12'

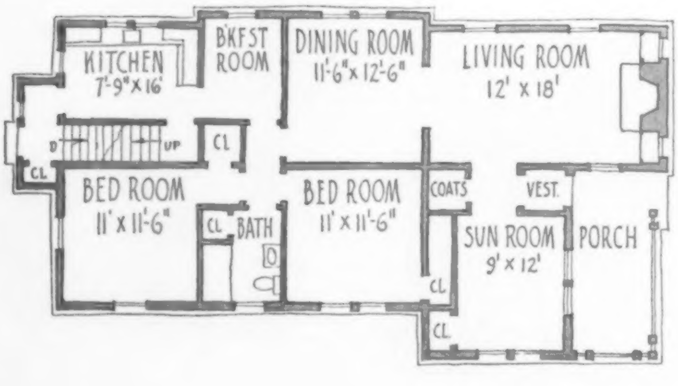

BED ROOM
12' X 14'
CL
BATH
BED ROOM
10'X13'
CL
HALL
KITCHEN
8'-6" X 12'
CL
LIVING ROOM
14' X 19'
DINING ROOM
12' X 16'
UP
HALL
CL

After many years of experimentation there seems to have been no better color scheme devised than that which found favor in this country so many years ago. Other schemes equal it but none surpasses it in general favor. Theodore Whitehead Davis, who designed this attractive little house for us, suggests that the walls be of white shingles, the shutters be blue-green, and the roof brown shingles—dark at the eaves grading to light at the ridge

Mr. Davis suggests a cellar under the main body of his Colonial cottage only. He estimates the entire cubage at 23,900 cubic feet and at 35 cents a cubic foot for this type of construction the house would cost $8,365 to build. The plan has been worked out in an interesting manner. The kitchen with three windows and a door could not fail to be well lighted and well ventilated at any time of the day and the living room has also been given a desirable location


Chester B. Price 1931


Chester B. Price 1931


KITCHEN
7'-9" X 16'
BKFST ROOM
DINING ROOM
11'-6" x 12'-6"
LIVING ROOM
12' x 18'
D
UP
CL
CL
BED ROOM
11' x 11'-6"
CL
BATH
BED ROOM
11' x 11'-6"
COATS
VEST.
SUN ROOM
9' x 12'
PORCH
CL
CL

There are really three bedrooms in this interesting bungalow for the sunroom can readily be turned into an extra bedroom. A bed can be concealed in the little closet in the outside wall. The cottage was designed by James F. Schindler, of Syracuse, N. Y. The cubical contents is estimated at approximately 27,104 cubic feet, including a cellar under half the house, and at 35 cents a cubic foot it would probably cost $9,486 to build. From the front it is rather deceiving, giving the impression of greater size

A Spacious Bungalow

Costing little to build

It is always difficult to fit a good-sized cottage on a narrow lot, but the bungalow which Mr. Schindler has designed is well suited to this purpose. The architect suggests that the walls be white, the roof and shutters green. The fieldstone chimney at the front of the house should also be painted white. Mr. Schindler has some interesting suggestions for the interior finish including paneling for the living room and dining room as well as plank peg flooring and black iron hardware

Easier Home Financing

New developments to aid home builders

by HENRY HUMPHREY

The President's Home Building Conference, held recently in Washington, is the most important influence ever to have affected small home ownership. Echoes of the report of the finance committee, discussed in the accompanying article by our representative at the Conference, continue to reverberate in the press and in the halls of Congress. Much good must come of this publicity given to the small home owner's problems.

THE most important committee meeting we attended at the President's Conference on Home Building and Home Ownership in Washington in the early days of December was that one at which the report of the committee on finance was presented. This committee was composed of twenty-one members and among them were such notable figures in the financial world as Clarence Dillon of Dillon, Read & Co., Frederick H. Ecker, chairman of the committee and president of the Metropolitan Life Insurance Company, William H. Kingsley, vice president of the Penn Mutual Life Insurance Co., and Harry S. Kissell, president of the National Association of Real Estate Boards.

The report which the committee presented was of very great interest to every small home owner. It was the result of more than a year's research by the members of the committee and its recommendations looked toward the stabilization of present real estate values as well as the enhancement of future values. While it was ultra-conservative in feeling, and therefore not attractive to certain elements of the construction industry, it contained some data that we think will interest you.

The title of this article will, we believe, be read with mixed feelings. We hear a lot of talk nowadays about financing but very little about "easier financing." Anyone who has been refused a mortgage by a bank will think the title "Easier Home Financing" ridiculous. But "easier" is a relative term, and it is the easier and safer methods in which we are particularly interested.

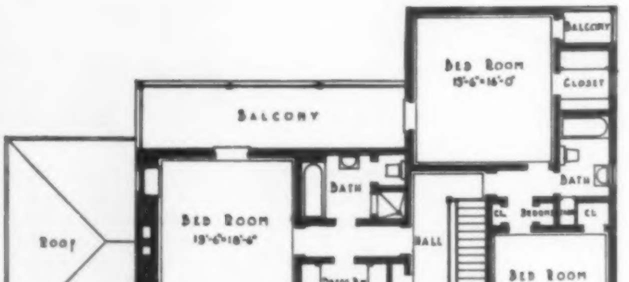
However, as we said in our article on decreased costs of building published in the last issue of THE AMERICAN HOME, financing, generally speaking, is not easy. In some sections of the country it is, in fact, almost impossible. But

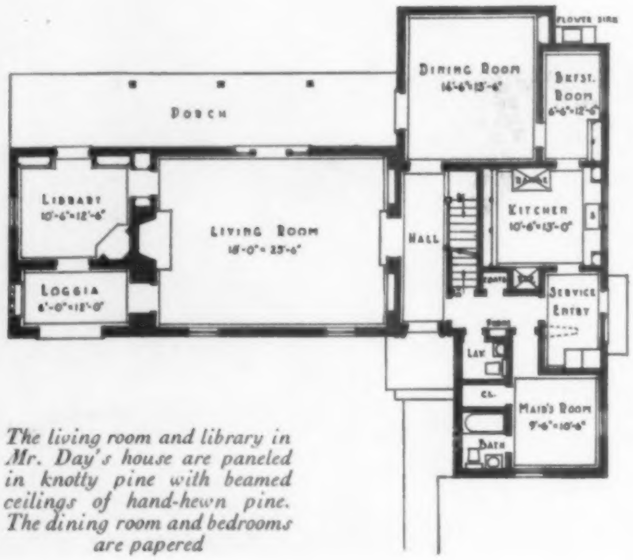
H. Roy Kelley, architect of this charming residence for Mr. and Mrs. Clarence P. Day at San Marino, Cal., describes it as the Monterey type of house that was developed by the early New England settlers who emigrated to California. It represents a fusion of Spanish and Colonial details. Floor plans are on the next page

whether it be difficult or "almost impossible," home building continues. It is true that the present volume of home building is greatly reduced, but it has by no means stopped, and those admirable citizens who are building now, in the face of obstacles presented by the financing institutions which should rightly be aiding them, are performing a very real service in hastening the return of normal times.

IF YOU are thinking of building now, to take advantage of the marvelous bargains which we described in our last article, or if you are laying plans for building in the future when this winter of our discontent is passed, you will want to know what financing authorities believe to be the reasonable limits to your expenditure. A few years ago we were saying that a man could invest in a house and lot a sum equal to two or three times the amount of his annual income. These figures are now changed to one and two thirds to two times the amount of his income. In the majority of cases it is safe for a man to spend about 1.9 times his annual income on his house and lot.

How much of this figure is it advisable to put in the lot itself? The cost of the lot in proportion to the total investment varies considerably. John M. Gries, executive secretary of the President's Conference, says: "Where streets, curbing, sidewalks, water, electric, gas, and sewerage improvements have not been made, a lot may sometimes be obtained for less than five per cent of the total cost of the house and lot, and ten per cent should probably be the upper limit. If all improvements have been made, the cost of the lot frequently runs up to twenty per cent, but it should rarely exceed twenty-five per cent." One fifth the total cost of the house and lot is probably a good average to pay for the lot. This will leave one and seven tenths of the annual income to be spent on the house.





The living room and library in Mr. Day's house are paneled in knotty pine with beamed ceilings of hand-hewn pine. The dining room and bedrooms are papered

If this information helps you to decide on the size of your investment the next question is how much of a down payment is it advisable to make, for most houses, whether they are bought or built, are secured on borrowed money. The finance committee's report, speaking of home buyers, said: "Prospective home owners should be able to pay about twenty-five per cent of the purchase price of the home at the time they take possession and approximately the same percentage of their annual income for the maintenance of the dwelling and reduction of the mortgage thereafter."

Twenty-five per cent, the committee says, is the minimum equity it is advisable to have in a house. Houses are available, particularly in California, on which it is necessary to make no down payment or at the most five or ten per cent, but in the opinion of the finance committee this represents "unsound financing," which may be dangerous to the owner's interests.

In the case of a home builder instead of a home buyer, it is customary for him to own his lot free and clear and to be able to put up at least twenty-five per cent in cash to make the first progress payments to the contractor. The remaining seventy-five per cent can be secured through one of the financing institutions which we shall mention later in this article.

The more money a man can put into his house the more satisfaction he will get out of it. Border-line financing is a continual source of anxiety for the home owner who cannot put a proper equity into his house and excessive second mortgage charges may greatly increase the cost of his home. For instance, the finance committee points out that a house which can be bought for $8,000 for a nominal down payment of $200 to $400 (which indicates a large second mortgage) might be obtained in most cases for nearer $7,000 in cash, or in cash plus a conservative first mortgage.

DESPITE the sentimental associations of home building, which Mr. Hoover mentioned in his speech at the Conference, the purchase of a home remains a business transaction. It is not difficult if you know how, but as most men only buy one house in a lifetime it is important that they seek out proper sources of information before they undertake the purchase or construction of a home. Naturally we recommend a study of THE AMERICAN HOME, or of books like *The American Home Library* or the *Better Homes Manual*, which is published by a semi-federal agency, Better Homes in America, in Washington. Disinterested sources of information like these will give you general and authoritative data of the home building field which are sometimes not available to local architects, contractors, or even financing institutions.

The report of the committee on finance points out that some of the ills now besetting the home building industry are due to the fact that home builders and buyers were poorly informed regarding their obligations. George L. Bliss, president of the New York State League of Savings and Loan Associations, who was a committeeman at the President's Conference, explains one reason why prospective home owners should look askance at financing schemes that are too easy. Periodic depressions, according to Mr. Bliss, are inevitable, and when they come they reduce real estate investments as well as other investments. When the eventual deflation of twenty or thirty

(*Continued on page 304*)

Tomato and Cheese Sandwich Salad tempts both the eye and the palate. (Kraft-Phenix Cheese Corp.)

CHEESE

Famous in song and story

by ELIZABETH H. RUSSELL

CHEESE is one of the oldest and best known of our food products. Greek athletes prepared for the Olympic games by living on fresh cheese, dried figs, and wheaten porridge, and there are many mentions of great white cream cheeses in the classic literature of both Greece and Italy. In the old Bible story David laid down his ten cheeses before he slew Goliath; in the fifth century the Persians preferred milk and cheese to meat; and Roquefort was ripening in its air-cooled caves deep in the grottos of Combala, in France, some nine hundred years ago when we find the first mention of it in the history of the monastery where it originated.

All English literature is full of references to cheese, from Shakespeare to Galsworthy, to say nothing of the innumerable snacks of bread and cheese beloved of Dickens's characters. In the *Five Hundred Points of Good Husbandry* Tusser says that cheese "should not be like Lot's wife, all salt, not like Crespin, leathery, not like Lazarus, poor, nor Esau, heavy."

In the Commune of Camembert, Department of Orne, in France, stands the only statue erected to the glory of cheese making. It commemorates the discovery of Camembert by Marie Harel, in 1761, and represents her standing in her big wooden sabots, with a milk jar under her arm, and more at her feet, before a bas-relief of a Normandy farm, with an inscription above which reads: "Marie Harel, Créatrice de Fromage de Camembert, 1761," and below the dedication, "Aux Fermières Normandes." A pilgrimage of 10,000 people went to this shrine during 1931, and placed there wreaths in honor of the woman who gave this gastronomic delight to the world.

There is much to be learned about the making of cheese, much more than you would believe, I am sure. It may be made of whole milk, skimmed milk, skimmed milk with cream added to it, or of cream alone. These are just a few of the methods, there is an infinite variety in the combinations outside these. Cheese is also produced from the milk of goats and of ewes, and each of the almost innumerable brands has to be scrupulously evolved from an exact formula, handled with the utmost attention to cleanliness and hygiene, and finally ripened and mellowed by methods which often have been secrets for generations.

A cheese tray is an attractive service for the last course of a luncheon or dinner. It should hold a variety of cheeses, and biscuits should be passed with it. The tray shown below is an oaken board mounted in a silver frame, and the implements have white composition handles. (Tray from The Gorham Co.; implements from Lewis & Conger)

Dana B. Merrill

Accounts vary as to the number of recognized brands of cheese. Some experts will tell you there are around 150, while others run as high as 250 varieties. Any cheese counter in a large store displays an amazing array, some imported, some domestic, and all in a distracting choice of containers, ranging from glass to tinfoil, and each seeming more tempting than the last. Connoisseurs gather around these counters, tasting, comparing, and discussing the latest arrivals with the salesman who is an enthusiast himself knowing what his customers like, and always having suggestions to offer. It was one of these experts who told me that it is becoming the custom nowadays to give an assortment of cheese to friends at holiday or anniversary times, and that he often makes up these boxes or baskets of epicurean delights, either to order or according to his own judgment. Few indeed would be the lovers of cheese who would not be delighted to receive such a gift with the tempting packages and jars nestling in finely cut green paper, tied with ribbons and packed in an attractive box. And what a mouth-watering bouquet arises from such a parcel!

THERE is a definite sense of camaraderie among people who share a taste for cheese, and a bond of friendly interest is soon established if the mutual taste is discovered when there is opportunity to discuss it. Stories are compared of time and place when a favorite brand was eaten in the country of its origin, when vacation days gave the enthusiast a chance to wander over Europe sampling famous varieties in their native localities. Perhaps he saw the canals of Holland with their barges piled high with the carmine balls of Edam, or has visited the drafty caves of France in which the blue-veined Roquefort is ripened, or loitered down the grassy slopes of Switzerland lunching on the exquisite native cheese which forms so delectable a meal when eaten with bread alone. His friend will respond with tales of leisurely excursions in beautiful Italy, savoring as he went the exciting Gorgonzola, the creamy Bel Paese, or the native dishes made with the sharp Parmesan which is such a boon to chefs and housekeepers the world over. Farther afield they may have tasted the distinctive cheeses of Norway, Denmark, and Sweden, or shared with the Arab his frugal meal of dates and cheese, while trips on this continent would certainly include tasting the mellow Port du Salut, made in Canada by the Trappist monks, or visits to the cheese factories of New York, New Jersey, and the Middle West.

And all the while they are talking, if they have met at restaurant or club they are probably eating one of our delicious American cheeses which include the full-flavored Cheddars, the American brands of Roquefort or Camembert, the ever-popular cream cheeses, or a choice from a host of other piquant brands which are daily growing more popular as articles of diet. Cheese should form part of our everyday menus for it is of the highest caloric value, containing protein, fat, Vitamine A, and a high content of calcium and phosphorus. It is interesting in making a study of cheese to find that it has always been the food of strong nations, of the victors and conquerors, the strength giving food of the masses, as well as ever maintaining its place as a delicacy high in the esteem of epicures. As with rare vintages and choice teas, cheese is one of the commodities in the market of appreciation, and is probably the one which has the most followers and has given the greatest delight and satisfaction.

There are innumerable ways to serve your favorite delicacy which range from featuring a dish made with it as *pièce de résistance* of the meal to its use as an inimitable relish which will rouse your appetite and give a zest to the other dishes. A clever hostess might find a different way to serve cheese during each day in the *(Continued on page 302)*

Many countries contributed their special cheese to this assortment: the pungent Stilton of Old England, the Dutch Edam, the sage and cream of America, the creamy luscious Bel Paese and piquant Parmesan of Italy. There is even cheese in a tube for sandwich spreads. (English cheeses from Fortnum & Mason)

Cresca Kanapee Wafers
Fromage Cremlac
Primula
Horners Creameries

The American Home
Employment Plan

A plan with a two-fold purpose: to improve your home while providing work for those who need it. This is the fourth in this series of articles.

THE next six to eight weeks are critical ones for families that have long been unemployed. Bitter cold sharpens the pinch of want and may bring tragedy to those who lack food, fuel, and adequate clothing. These same six weeks are the monotonous days for many families in better circumstances—that intervening period between the Christmas and New Year holidays and the welcomed advent of spring. Perhaps you can relieve this monotony in your own home, to a certain extent, and at the same time lighten the worries of some less fortunate families by undertaking some of the home improvements suggested for this month or outlined in the check list (found at the end of this article) upon which THE AMERICAN HOME EMPLOYMENT PLAN is based.

This month the discussions that began in the November issue are continued to include twenty suggestions for work that can be carried out indoors, or outdoors in the mild weather, that happily breaks the continuity of February's storms. It may be that this list embraces only a few suggestions that apply to your own house; in that case we urge your consideration of the entire list of one hundred suggestions to find a few more items that you can carry out now not only for your own sake but for the benefit of those to whom charity is an unwelcomed last recourse.

The limitations of space make it necessary to confine these discussions to mere outlines of the procedure which may be followed in securing the materials and labor required to accomplish the indicated improvements. But this lack of complete data should not be a deterring factor, for in your community carpenters, masons, plasterers, electricians, plumbing and heating contractors, and decorators stand ready and more than willing to visit your home and discuss with you the ideas you would like to put into effect. You will incur no obligation by talking with these experts. They will help you plan the changes and will give you reliable estimates of the costs involved. Your local unemployment committee likewise is a source to turn to, for upon their lists are probably many men who can estimate and perform the work indicated in this month's suggestions. Use these local forces wherever possible, but if through them you can find no satisfactory solution to your problem, write to the Editor for personal help.

And bear in mind one vital thing: It is not necessary to spend much in this work. Costs are at rock-bottom prices and probably never again will you be able to make repairs so cheaply as now. And if your family possesses a handy man among its members, you are still contributing to national welfare if you purchase materials that you would otherwise defer buying until more prosperous times.

8. *Install a package receiver.* This is a convenience that you will appreciate in the cold winter months when the milk and cream left out of doors freezes solid and loses much of its nutritious value. A milk or package receiver is built into one of the outside walls, preferably near the service entrance. It permits goods to be delivered through the outside access door into a cupboard which is locked again on the inside. Here food stuffs or other packages are protected from petty thievery and from bitter cold. These units are made up in standard types and can be installed by any carpenter if your walls are of frame, or by a mason if they are of brick or stone.

10. *Apply asbestos or other heat insulating covering on pipes and boiler to reduce waste of fuel.* Is your cellar abnormally warm when the furnace or boiler is in operation; or do you find that exposed pipes running through closets or other parts of the house throw off a great deal of heat that is unwelcome at that point? If such conditions exist, you are wasting fuel. To reduce this waste, have your heating contractor submit estimates for adding a heavier covering of insulating material over your hot water or steam boiler, over the hot water heating tank and on all of the exposed pipes, particularly in the basement. This work takes but little time and is relatively inexpensive. It will pay for itself through reduced fuel bills.

14. *Install an incinerator.* Garbage and waste disposal is troublesome at any time of the year, but in the winter it is a particularly unwelcome nuisance. The modern domestic incinerator solves this problem. Several types are available which can be installed in an existing home without alteration; the more complete types having convenient chutes from the upper floors direct to the incinerator chamber usually require a special chimney. The low-cost incinerators use no fuel but collect the material to be burned in a ventilated chamber under which a fire is started every few days to destroy the combustible rubbish. The better types use gas to start and maintain thorough destruction. Consult incinerator manufacturers for data on various models, or your heating contractor who can make the installation.

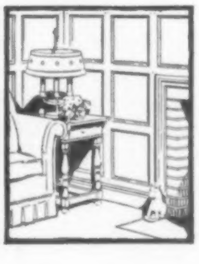
32. *Remove dead wood from trees and shrubs, and have tree surgeon repair decayed parts of important trees.* Instead of deferring this type of work until spring when outdoor employment is relatively easy to find, have your trees and shrubs put in condition for next year on the mild days in February. Your local employment committee will have many men on their lists ready to do this work. Also consult competent tree surgeons regarding the maintenance of your treasured trees.

73. *Repair cracked, loose, or fallen plaster on walls or ceilings.* Preparatory to redecorating and reconditioning the house for next spring and summer, examine all walls and ceilings for defective plaster and have this work done in the winter—one room at a time—if you can possibly arrange it. The presence of artificial heat simplifies the problem of curing and drying the fresh plaster where large areas have to be covered. Small patches can be repaired with patching plaster that dries rapidly. Consult local plasterers or your decorator.

74. *Plaster basement ceiling on metal lath for fire protection, cleanliness, and better appearance.* One of the safest ways to protect your house from fires is to have the entire basement ceiling covered with approved metal lath and plaster. Most domestic fires originate in the basement. This treatment of the basement ceiling retards or may even prevent the spread of fire. At the same time the work is valuable as an improvement to your property values and in addition aids in converting basement areas for secondary living or recreational purposes. Obtain estimates from local plasterers. Where local building codes permit the use of approved hard wallboards or plaster boards for this purpose, a carpenter or lather can make the installation.

75. *Cover defective plaster ceiling with fabric, wallboards, or pressed metal to eliminate future repairs.* As a substitute for replastering defective walls and ceilings, the old plaster may be covered with wallboards or with some of the newer heavy decorative fabrics which are strong enough to conceal small irregularities in the surface. Ceilings can be improved by the use of these materials or by adding decorative pressed metal ceilings—a method frequently used in rural homes. Some of the modern wallboards are also made in decorative forms for ceiling work. The new surfaces thus formed may be decorated with plastic paints, ordinary paints, wallpapers, or fabrics according to your preference. Consult carpenters, sheet metal workers, or decorators regarding this work.

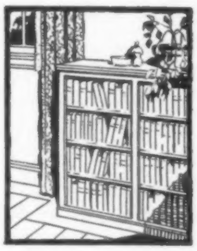
79. *Install pine, oak, or other plank, or paneled walls in dining room or living room.* A charming Early Colonial interior can be created by installing wide pine planks on the walls of your living room or dining room directly over the existing plaster or wall finish. Boards made especially for this purpose with correctly designed mouldings along the edge are carried in stock by most lumber yards or mills, together with appropriate decorative trim. Consider the use of such a treatment on all four walls or on a single wall such as the one around the fireplace. Either method is correct. Similarly, oak and other natural wood planks are used for period effects. Even paneling may be installed in this manner at somewhat higher cost. Consult your local mill and carpenter, and write to the lumber associations for design suggestions and installation methods.



80. *Modernize obsolete trim and doors, replacing with new.* One of the distinguishing marks of an obsolete type house is its out-of-date wood trim and doors, often of poor design or of natural wood varnished so many times that redecorating is impossible. The cost of refinishing this old style woodwork is high and the results are seldom satisfactory. Before redecorating, consider having the old trim removed and replaced by new trim. Modern doors can be installed where required. Similarly, windows are common marks of old style houses and a change in the double hung wood sash can often be made without disturbing the frames or cutting and patching the walls. A more drastic change can also be made by installing modern steel double hung or casement windows, though this work involves refitting the frames as well as the sash. Consult your local lumber or material dealer, or the manufacturers of stock doors, windows, and woodwork, or have all of the necessary estimates obtained for you by a competent carpenter or general contractor.

81. *Repaint interior trim in one or more rooms, or throughout.* An inexpensive method of brightening up the appearance of your home is to have all of the interior trim repainted. By doing one room at a time, the family need not be disturbed. If you are taking a short winter vacation, let your painter or decorator have charge of the house while you are away.

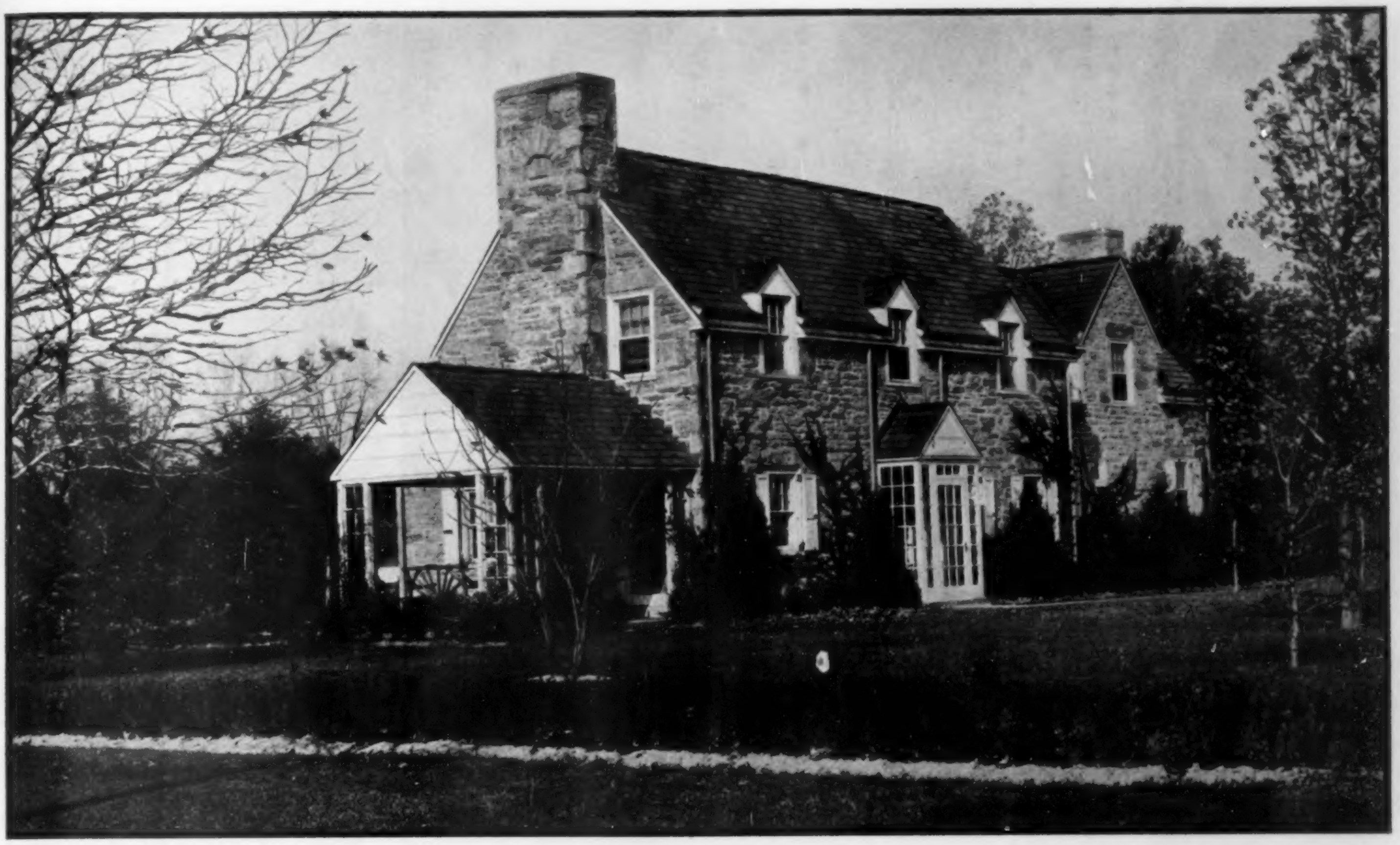
84. *Build in new bookcases, window seats, china closets, telephone closet or cabinet, folding ironing board, children's toy cupboard, etc.* Most of these items are made in standardized units of authentic period design which can be installed by any carpenter familiar with interior finishing work. Or your local cabinet maker or woodworking mill can make them up to your order. The actual work of installation takes but a short time and adds a great deal of real value to your home. Write to manufacturers of millwork for catalogues showing designs, or examine actual samples at local mill showrooms.



87. *Redecorate with paint, plastic paint, wallpaper, wall fabrics, wood veneer, or other material one or more rooms.* Why wait until spring for redecorating when in that season painters and decorators are overloaded with both interior and exterior work. Now is the time to redecorate at low cost when employment is needed by these trades. In addition to the familiar methods, consider using some of the newer decorative effects such as the wall covering made of fine woods in flexible veneers or the new type of cork composition material that has beautiful, variegated colorings.

88. *Kalsomine or whiten ceilings throughout the house.* Ceilings that are turning dark or are showing shadow marks of laths and beams may be freshened by having them rekalsomined or painted without waiting for the entire room to be decorated. Do not defer this matter until winter is over if it needs to be done.

90. *Refinish hardwood or painted floors, or cover existing floors with prefinished or block type flooring.* If your existing hardwood floors are structurally in good condition but are deficient in appearance, they may be resurfaced with power machines or with the efficient modern chemicals which are inexpensive and easily applied, and the floors may be either bleached or stained in the new color effects. Soft wood or painted floors may be similarly renewed in appearance. If the old floor is badly worn consider a new hardwood floor of ordinary strip hardwood (*Continued on page 292*)



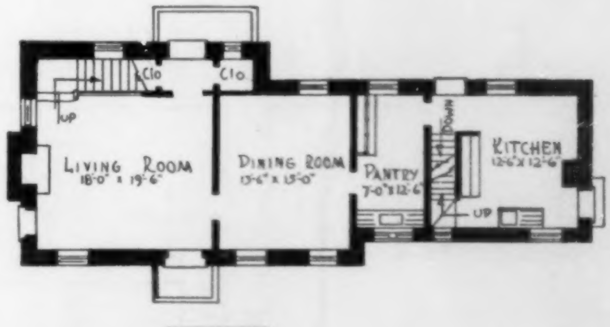
This beautiful Pennsylvania Colonial house on Cloverly Lane, Rydal, Pa., of which the floor plans are shown below, was designed by the author of this article and demonstrates effectively how skilful he is in the design of small houses as well as the larger houses which constitute his present field

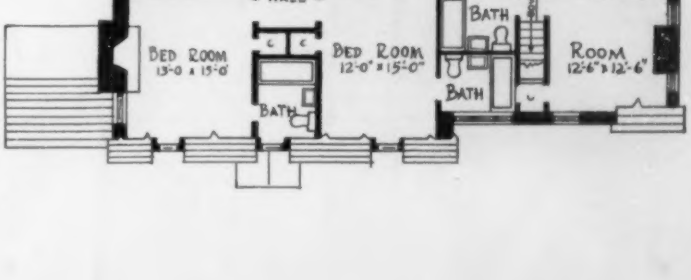
Beauty at Low Cost

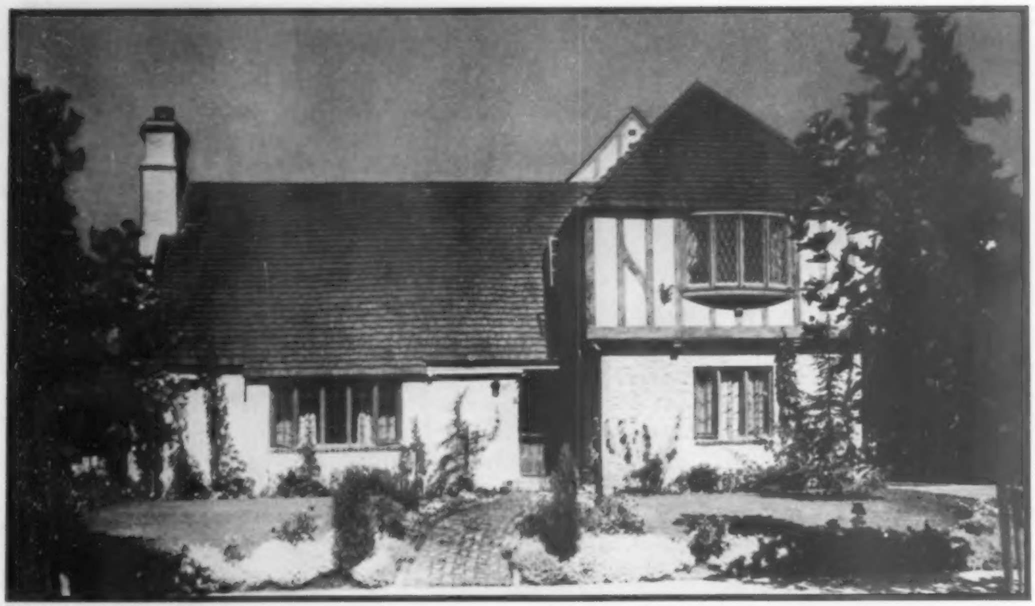
Mr. Ziegler's influence on the architecture of his native Philadelphia has been profound. He is said to have built 3,000 homes ranging from the smallest to the largest. Out of his many years of experience he has drawn the inspiration for this article.

by C. A. ZIEGLER, A. I. A., F. R. S. A.

ALMOST everyone who contemplates building hopes in some manner to put into the house a personality or character that will at least express the intelligence of the owner; although I have met people who have stated very frankly that they had no desire to erect a beautiful building, but sought only modern conveniences in a substantially built structure. I am inclined to think that this state of mind is the result of a very erroneous idea that a beautiful house costs more than a commonplace one. That is very far from the truth, as usually the things which go to make a small house ugly are superfluous things that should have been omitted altogether, whereas the well-designed small house carefully avoids all superfluities and pretentiousness and gains its charm from perfect proportion, good color and texture, and that sense of restraint which always accompanies good breeding. An interesting "trick" may at times be perfectly proper in architectural design, but







Photograph by Clyde Stoughton

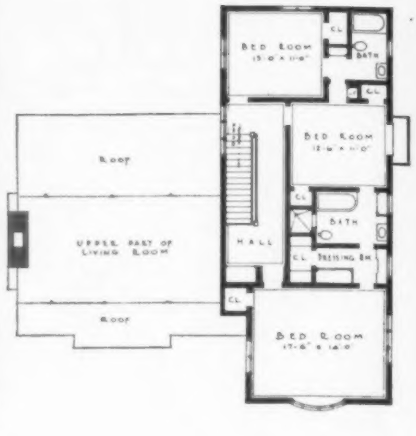
never should be attempted in designing a small country house, yet this quality seems to have been the aspiration of the designers of many of the houses which we see on every hand, villas which strive to outdo even Hollywood itself and with a challenge to the Renaissance of Italy and Spain to look to its laurels.

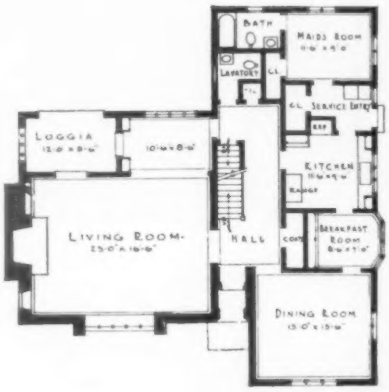
It is true that one of the most difficult problems an architect has to solve is the designing of a small, inexpensive house. Most architects do not care to try and those who do seem to regard such commissions as "pot boilers," so that even the employment of an architect does not always assure a well-designed building to the prospective builder of a small home.

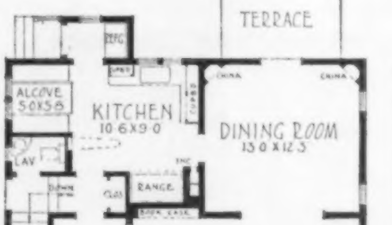
There must however be certain general principles which can be applied to the problem and after many years of practical study of the subject, I have arrived at certain conclusions which may be of assistance to those who are really desirous of building for themselves a small home that will convey some feeling of self-respect and enlightenment. Of course it is impossible to set down any fixed set of rules, but experience is a great teacher and sometimes we arrive at the truth by a process of elimination.

Experience has taught me that many people start planning their home with the idea of cutting down a much larger plan to meet the amount which *(Continued on page 301)*

Above is shown the residence of Mr. and Mrs. Franklin Donnell at Beverly Hills, Cal. The architect was H. Roy Kelley. Whitewashed brick, half timber and stucco were used for the exterior walls. The roof is of hand-split red cedar shakes, deep brown in tone and the metal casements are blue-green


BED ROOM
13'-0" x 11'-0"
CL
BATH
CL
ROOF
BED ROOM
12'-6" x 11'-0"
CL
BATH
UPPER PART OF LIVING ROOM
HALL
CL DRESSING RM
CL
ROOF
BED ROOM
17'-6" x 14'-0"


BATH
MAIDS ROOM
11'-6" x 9'-0"
LAVATORY
CL
CL SERVICE ENTRY
LOGGIA
12'-0" x 8'-6"
10'-6" x 8'-0"
KITCHEN
RANGE
LIVING ROOM
23'-0" x 16'-6"
HALL
COAT
BREAKFAST ROOM
DINING ROOM
13'-0" x 15'-6"


TERRACE
REFG
ALCOVE
5.0X5.8
KITCHEN
10.6X9.0
CHINA
CHINA
DINING ROOM
13.0 X 12.5
LAV
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BOOK CASE
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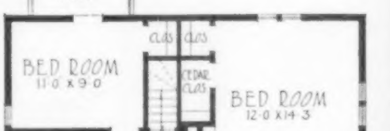
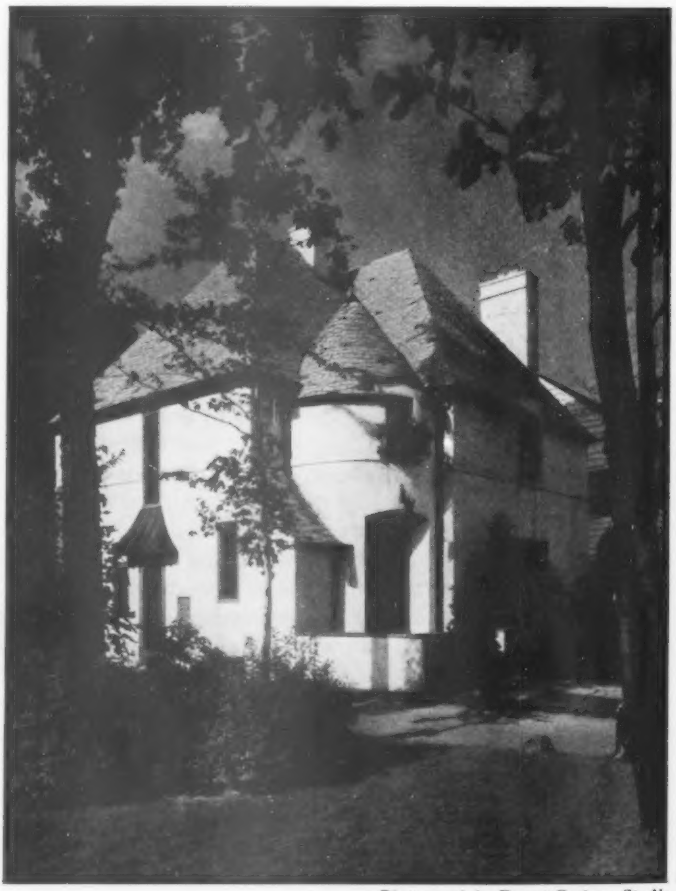
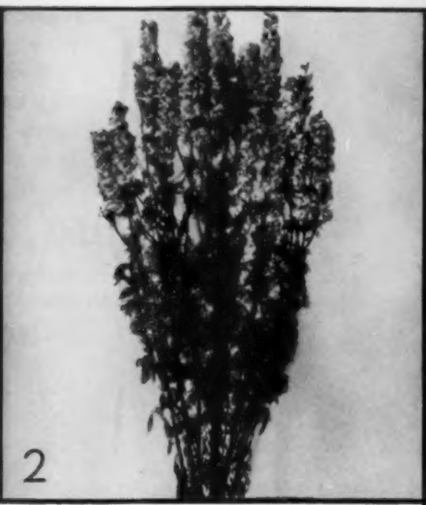
19.0 X 13.3
CLOS
VEST
TERRACE


DECK
CLOS
CLOS
BED ROOM
11.0 X 9.0
CEDAR CLOS
BED ROOM
12.0 X 14.3
DOWN
UP
HALL
LINEN
BATH
BED ROOM
16.6 X 11.3
CLOS

Our Middle-Western representative in this group of three homes is shown at the right. It was designed by Fox, Duthie & Foose and is situated in the Shaker Heights section of Cleveland, O. As an example of the modern French-American style it forms a contrast to the English house above and the Colonial one on the preceding page



Photograph by Ernest Graham Studio



Modern Fashions in old-time FLOWERS

by ADOLPH KRUHM

IT IS now almost fifty years since I made first intimate acquaintance with a flower—a dwarf Nasturtium edging the garden path. It was the one flower loved most because we were allowed to pick blooms all the time—because that prevented the formation of seed pods, which would put a stop to flowering. That developed a liking for Nasturtiums of all types and kinds, and I have since grown many indeed. But not until this summer did I ever see a double Nasturtium. Archimedes could not have been more delighted in discovering the quality of the gold in King Hiero's crown than I was upon beholding the double layers of golden petals gleaming from this fragrant novelty. For this gardeners are indebted to a well-known Californian firm of seed growers, Bodger. As this really sensational break is firmly "fixed" it can be relied on to come true from seeds. The plants are of compact, sturdy growth, with runners about eighteen inches long so they cannot be called either dwarf or tall. Beginning to bloom even before they reached full development they kept it up all summer, and some were potted up in late October to keep on blooming in a sunny window without any signs of diminished energy. And the flowers are fragrant—there is no question about it.

Great things have happened in widely separated provinces of the Sweet-pea realm. From Great Britain comes Ambition (Burpee) which won the Gold Medal of the National Sweet Pea Society of Great Britain as well as the Certificate of Merit. It is a lovely shade of deep lavender which, in the young flowers, deepens at the base of both standards and wings. Altogether a charming flower, massive, yet graceful, borne four or five to the long, sturdy stem.

In California, that other Sweet-pea center, appeared Welcome (Ferry-Morse) which missed the Gold Medal of the Scottish Sweet Pea Society by one point. Being a dazzling scarlet it needs bright weather and dazzling sunshine which

1. *And still they come up in new fascinating dresses of color combinations. Debutante Sweet-pea, salmon shaded coral, is very appropriately named*

2. *Annual Larkspurs of the tall Imperial or Giant Spire type are enriched by the new addition, Gloria, in rose color*

3. *Ambition is justified as the name for the novelty lavender Sweet-pea which went abroad and captured various world trophies on exhibition*

4. *Doubling without in the least diminishing grace is accomplished in the Shirley Poppy with the deep rose colored novelty Sweet Brier*

5. *Twelve weeks old and growing a gorgeous large flower is typical of the new Double Ruffled Monster Petunias*

6. *Golden Gleam Double Nasturtium is a welcome new stride in one of our best beloved really old-fashioned gems*

7. *Cosmos blooming safely before frost falls, but a dream a generation ago, is now offered in the Express strain and in full range of colors*

8. *In the Alldouble Marigold strain, an achievement of rigid selection towards an ideal, the annoying open center is gone and with it some of the "fragrance"*

9. *From the land of the Incas known of yore and so old that it comes anew Tithonia speciosa, a Dahlia relative with orange flowers, is a "new" rapid growing annual*

10. *Could more be asked? Lavender Glory Verbena combines large size, fragrance, and refinement*

11. *And here is retrogression without loss of value, gain even, for the Lilliput Zinnias bear all the charm that the descriptive "miniature" suggests*

12. *On the other hand, progress goes on with clarifying purity of color in the large flowered strains. The variety Daffodil is named especially for its color similarity*

it did not have. Even so, it brought home the Silver Medal which, indeed, is something to be quite proud of.

Welcome Sweet-pea is the color Nopal Red of the Ridgway Chart, but is much more luminous, especially in the sunlight, and is sunproof, holding its superb color to the last. It is an absolute self-color, meaning that wings and standard are of exactly the same shade.

The third outstanding Sweet-pea novelty is Debutante (Ferry-Morse), soft salmon shaded coral which makes it unique of coloring even in a family of flowers where we are accustomed to look for splendid attributes; stands heat well, and flowers almost indefinitely without setting seeds. One of Scotland's greatest Sweet-pea judges referred to Debutante as "the most complimented Sweet-pea of American origin shown in England."

How Diener's Ruffled Monster and Giant of California Petunias came into existence is a fascinating chapter in horticultural history. Twenty-five years ago Diener settled in California and started to grow Geraniums—just to find them a drug on the market. Several years later a chance visitor suggested that he work on Petunias instead as California seemed to be the Petunia's idea of heaven, a proper mélange of heat, sunshine, and moisture. In 1915 the new Petunias won a Gold Medal at the San Francisco World's Fair. This started the ball rolling.

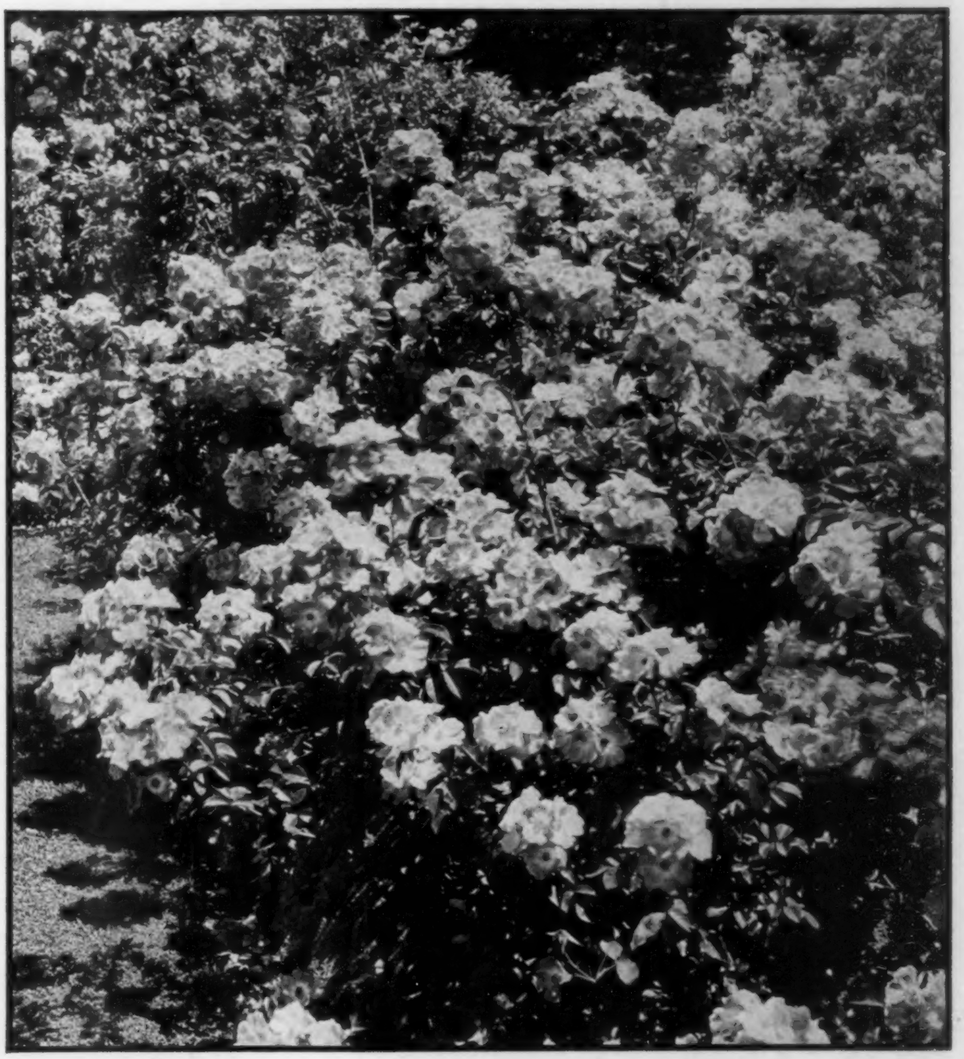
To-day there are some couple of dozen distinct varieties of great size and wonderful colorings. In shape they vary from medium-sized Singles, such as Pink Glory (3 to 4 in. diameter) to the Ruffled Monster strains (8 in. diameter). These are available in separate colors, some ruffled, others frilled with double ruffles and so resembling huge, fluffy colored balls. Because every seed harvested is the direct result of hand-fertilization, this seed is actually worth much more than its weight in gold dust. A *wholesale* price list quotes Double-fringed Monster Petunia seed at $30.00 for one sixteenth of an ounce, or the equivalent of $7680 per pound. But, there is not a pound of such seed in all the world.

Mexico, every once in a while, gives the gardener something to intrigue his fancy. Occasionally something startlingly fine comes out of that region—the Dahlia, for instance. And now there has been revived another composite plant, Tithonia speciosa (Schling). For quick screening of unsightly walls or fences it has been tried and found not wanting. From seed sown the middle of May the plants will attain ten feet by the middle of August. The identity of the species offered may be somewhat (*Continued on page 314*)

ROSES

For any kind of garden purpose

by C. E. F. GERSDORFF



Though the Bush and the Climbing Roses are the general favorites, we might give thought to the Dwarf Polyantha or Baby Roses which bloom almost continuously as flower garden edgings

ROSES are for garden ornament and incidentally give flowers for cutting. In the unprecedented drought of 1930 the Rose had shown its ability to perform under exceedingly trying conditions so well as to simply amaze rosarians of long experience and overshadowing many types of plants which before then were thought to be at home under such conditions. This is an indication of the permanence of Roses selected for their hardiness in all respects, in a given locality.

For ease of soil preparation and adaptability to garden design the modern Roses commend themselves, but there is also a place for the old-fashioned Roses. And, I must needs also include the native Rose species, age-old varieties of Nature which prove useful where the modern Rose would be helpless. With the usual qualities associated with Roses, the modern ones bring the added requisite of freedom of bloom under all conditions.

Hardiness of the Rose in the garden is essential. We do not want plants that need coddling, however beautiful the individual flower. Freedom from mildew and black spot is very desirable, and happily it can be stated that we now may have varieties that do not suffer too greatly from these ills. Many resist insect attacks to a surprising degree. All plants are benefited by sprays to control insects and diseases. The results are plants always in perfect health and beauty.

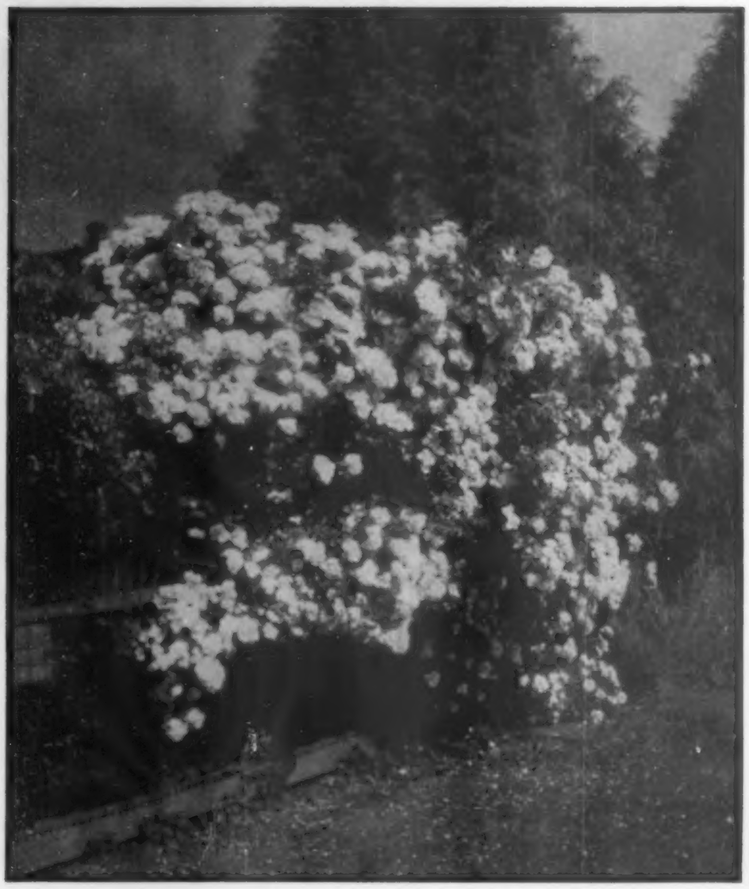
Though we may have Roses with little effort, it will pay to feed them by the judicious use of say, bone meal, blood, and bone, dried manures or the well-known prepared plant foods or standard truckers' fertilizers. It is best to apply bone meal in the fall, if at all, a generous trowelful to each plant; blood and bone in the spring, a teaspoonful to each plant; dried manures either as liquid fertilizer the color of medium strong tea, or as a mulch before the later use of peat moss; and the truckers' and other prepared fertilizers by the tablespoonful to each vigorous plant; the manure and prepared plant foods several times during the blooming season.

Cultivate to conserve moisture and to keep down robber weeds. But cultivation may be entirely obviated (except in early spring) by a liberal top dressing of the soil with granulated peat moss to a depth of two or three inches. This not only conserves moisture but keeps down weed growth, and when worked into the soil each spring adds to the soil heat-taking qualities, making for an earlier and more vigorous growth and bloom.

If you want flowers in abundance for the garden it is best to be somewhat negligent in the matter of pruning. Weak wood and dead wood must always be removed. For more perfect bloom, pruning should be somewhat more severe. However, if growth is kept active throughout the season, removal of the fading flowers should usually suffice.

Aside from the shrub types, no Rose will tolerate crowding by other plants. Nor do they like being planted close to brick walls which bring the blooms prematurely forward to be killed by late frosts, or the plants suffer terribly from the reflected heat from the bricks.

(Continued on page 310)



Is there another trellis drapery that ever matches up with trailing Roses for largesse of bloom? Cant's Blush against Cypress

Embowered Beauty

with vines

Lacevine or Fleecevine—pink or white—these Polygonums have a graceful tracery of airy flowers in the late summer

Bejewelled with its scarlet butterfly flowers the Trailing Nasturtium (Tropaeolum speciosum) is a gorgeous spectacle, but it insists on mild conditions

by G. E. ALTREE-COLEY

THERE is a little house in which an artist once dwelt—an artist who was very poor, so it was said. It was a very poor little house too, in fact not much more than a shack. Yet its photograph was featured in a newspaper story of the locality, and was used in a publicity booklet. And the reason for its allurement even to unromantic business men lay solely in its wreathing drapery of vines that festooned the little porch and caressed the windows and concealed the walls, and then in final exuberance half veiled the roof itself and flung its topmost sprays around the plain brick chimney. The simple Virginia Creeper—for that was all it was—had made the house a thing of beauty and a memory of joy forever to all who knew it.

Though few modern houses need such complete assistance from beautifying vines, yet possibly there is no house that will not gain in attractiveness by their thoughtful use. The necessary fence, the awkwardly placed garage, the unpleasant view, the bit of garden where one craves privacy—all these things suggest the alliance of friendly creepers.

But choose wisely. If it is just a porch to be delicately wreathed, there is the beautiful Large-flowered Clematis, the choice Climbing Roses, and Wisteria. But Wisteria will also climb to second story windows, and so will the lovely summer-flowering pink Lacevine (Polygonum baldschuanicum), the white Fleecevine (P. auberti), and of course the Ampelopsis, both the loose-festooned Virginia Creeper and the close-clinging Boston Ivy.

Arrestingly beautiful and but very little known because it is fastidious as to its climate is Vermilion Nasturtium (Tropaeolum speciosum) with flowers like sparkling butterflies alighting in clouds on dainty foliage. It is not absolutely hardy, yet it succeeds on the North Pacific Coast, and will flower as an annual where the summer (*Continued on page 311*)

The Western Bleedingheart brought into the garden blooms freely for long periods during summer if given a little water

Flowering Plants

for the Shaded Nook

by IRA N. GABRIELSON.

THERE is in your garden, surely, a corner so shady that grass and the ordinary plants will not grow there. If not, you are lucky. Most homes have such a place on the north side of a building, in a hedge corner, or beneath a huge tree.

Even the toughest ordinary garden perennials have a sickly underfed appearance evident to even the least enthusiastic flower lover. Yet "Nature abhors a vacuum," and she will carpet such a spot with Chickweed or some other quick growing weed for at least part of the year. And there are, indeed, many other wildlings suitable for growing in such places.

Your job as a home owner and gardener is simply to bring together these plants and your spot, under proper conditions.

Providing favorable conditions is absolutely vital, and the one most necessary is proper soil preparation. The bare spot, particularly one under a tree or near a hedge, is filled to capacity with tiny feeding rootlets of the tree or hedge plants and anything placed there will be promptly starved to death, even though it be a plant accustomed to shade conditions. It can compete successfully with tree and shrub roots if planted at the same time, allowing it to establish itself before the competition becomes too keen.

Creeping Dogwood will carpet the ground quite close around the trunks of large growing trees. A particularly alluring gem

The proper preparation of the soil entails: first, thorough preparation to a depth of twelve to eighteen inches; the removal of feeder roots from the area; and thorough preparatory fertilization. This last is of great importance as such spots are usually pretty thoroughly impoverished.

For such fertilization, a mixture of sheep guano and ground peat is very satisfactory. It may be used in liberal quantities without danger of injury to any plants. In addition it helps keep the soil in an acid condition, a valuable item, since most of our shade-tolerant plants are also more or less acid loving. Later on this is to be supplemented with light dressings of a complete prepared plant food.

There is frankly a lack of available shade plants blossoming in summer and fall; practically all flower in spring or very early summer. At other seasons effects must be secured with foliages of different shades, variation in shape and habit of growth of the plants used, or with colored fruits that contribute interest to the secluded nook.

At the head of the list stand two natives of the Oregon mountains, used to climatic variations and accustomed to the dense shades of Fir forests. First comes the Twin-flower (Linnaea borealis) a tiny creeping vine with shining evergreen leaves and dainty two- or three-inch flower stalks each carrying a pair of fragrant pink flowers. It will stand the deepest shade. A fit companion is found in the little Creeping Dogwood (Cornus canadensis), a sprawling dwarf, never more than six inches high, with the same creamy white flowers and bright red berries of the well-known Flowering Dogwood. A plant which, with its scattered stems from its creeping underground rootstalks, looks as though it might be a clump of grotesque little dwarfed Flowering Dogwoods, produced by patient Japanese gardeners.

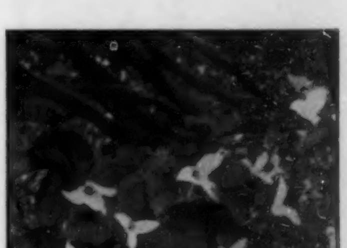
The little Spring Queens (Synthiris rotundifolia) with more or less palm-shaped leaves and dainty little spikes of blue Lily-of-the-valley like flowers is a woodlander of absorbing interest. All winter long the blue buds can be seen peering from the leaves awaiting only the first hint of spring, to burst forth. There is a number of Violets with yellow or blue flowers that will thrive in such a spot and add their charm.

The wild Bleedinghearts offer a group of dainty foliaged plants with sprays of white, cream, or pink flowers. The well-known Dutchman's-breeches (Dicentra cucullaria) has a bulbous corm which spreads quite rapidly. Dicentra exima and Dicentra formosa are more vigorous plants, spreading from underground rootstalks and showing an abundance of finely cut foliage and sprays of pink flowers. These two have the longest blossoming season of any woodland plants, and with plenty of moisture will furnish flowers for months.

Other available plants of this creeping rootstock type are the Wild Gingers (Asarum) with big aromatic heart-shaped leaves of dull green, or variegated with white. The dull red flowers are of no value—for (*Continued on page 311*)

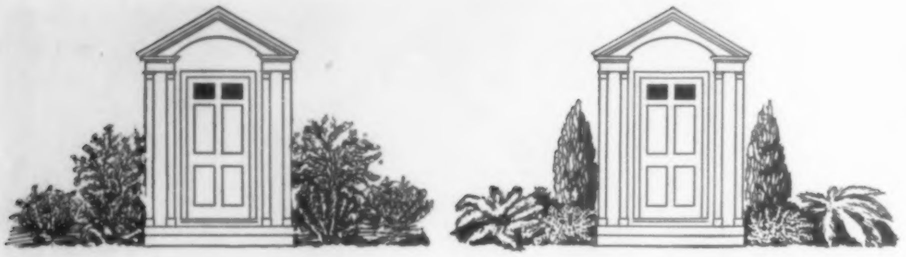
Photo by C. L. Marshall

The small growing Bleedingheart relatives of our woods bloom freely all through the summer so long as they do not get dry. (Dicentra cucullaria)



All the family of Trilliums, other delightful flowers of our woodland, are especially welcome as undergrowth plants in shade giving auite large flowers

All other photos by Geo. C. Stephenson



The entrance is here adequately framed with six shrubs: (left) Tall Vanhoutte Spirea in rear, Dwarf Deutzia and Ibota Privet supporting; for Evergreens (right) Tall Arborvitae in rear, Mugho Pine and Pfitzer Juniper for foreground

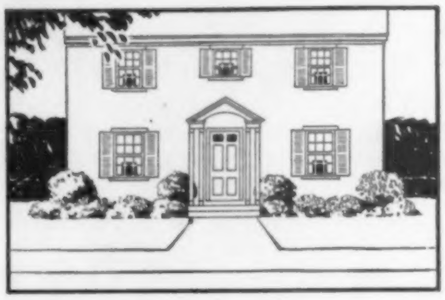
Foundation Planting

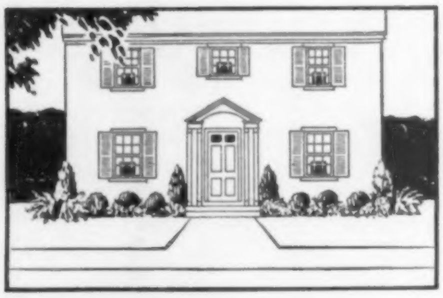
by EDWARD B. OLVER

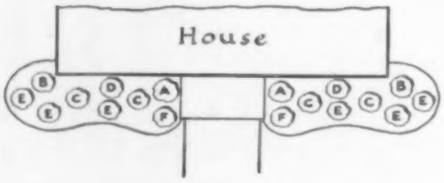
NOT all house base lines are beautiful in themselves and the most practical way of modifying any undue severity lies in what has come to be called "foundation planting." That is to say the conscious use of some kind of evergreens, or flowering deciduous shrubs, or a combination of both for the avowed purpose of either modifying or accentuating some of the structural details of a house. Planting is also done to frame the building. There are a few elemental facts to be remembered in carrying out such work, but they are, in fact, simple and quite obvious.

It is largely a matter of personal preference whether flowering shrubs or evergreens are chosen. The shrubs will present a doubly effective and colorful picture in the seasons of bloom; but the evergreens give more formality and all-year-round stability with least attention. They cost more but last longer.

For mass planting between the central and corner plantings it is well to use as background material plants that are of somewhat lower ultimate height—Iota Privet, Coralberry, Eva Rathke Weigela, for example among the shrubs; or in the evergreens, Siberian Arborvitae, Upright Japan Yew, Globe Arborvitae, etc.







Key to Planting Plan

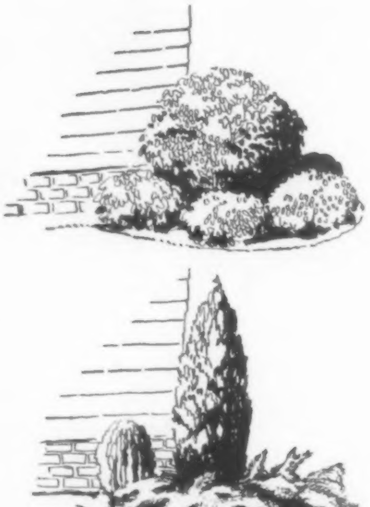
SHRUBS

Accent plants (A and B on plan), to be planted 4′ to 5′ apart. Morrow Honeysuckle (Lonicera morrowi), yellow. Hugonis Rose, yellow. Globe Flower (Kerria japonica), yellow. Vanhoutte Spirea, white. Lemoine Mockorange, white. Weigela rosea, pink.

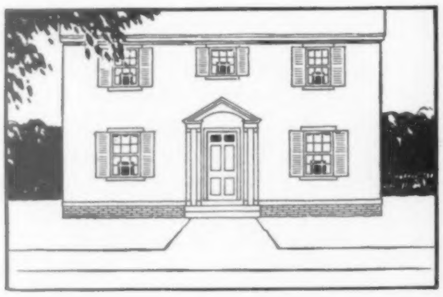
Dwarf edging plants (E and F on plan), to be planted 2½′ to 3′ apart. Slender Deutzia (Deutzia gracilis), pink. Japanese Barberry (Berberis thunbergi), no bloom. Spirea Anthony Waterer, red. Weigela Eva Rathke, red. Lemoine Deutzia, white. Spiraea callosa alba, white.

For mass planting between entrance and corner plantings (C and D on plan), to be planted 3′ to 4′ apart. Indian Currant, or Coralberry (Symphoricarpos vulgaris), red berries. Snowberry (Symphoricarpos racemosus), white. Fragrant Bush-honeysuckle (Lonicera fragrantissima), yellow. White Kerria (Rhodotypos kerrioides), white. Japanese Privet (Ligustrum ibota), no bloom. Billard Spirea, pink.

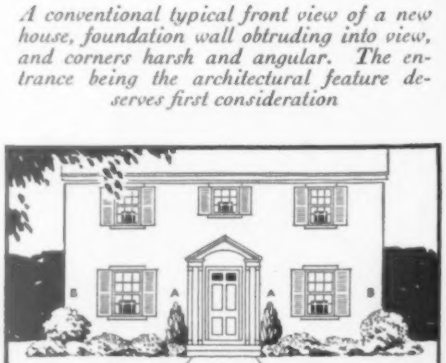
(Continued on page 309)



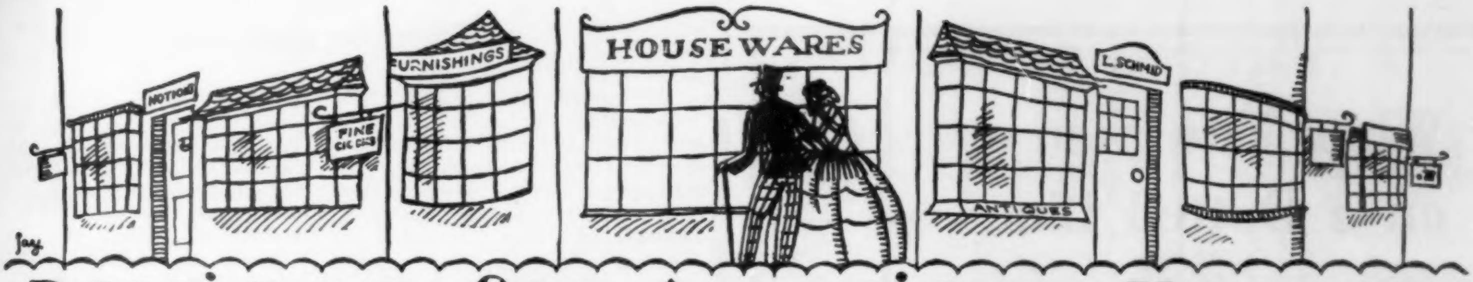
Softening the corners (above). The larger accent shrub is set on the corner next to the building—Kerria, or Weigela is suggested. Feather down to the ground with three or four fairly dwarf plants in somewhat circular arrangement—for example Dwarf Deutzia, Spiraea callosa, or F. J. Grootendorst Shrub-rose. With Evergreens for tall accent use Common American or Pyramidal Arborvitae or Swedish Juniper, supported by Pfitzer Juniper, Savin Juniper, and Dwarf Japan Yew massed



A conventional typical front view of a new house, foundation wall obtruding into view, and corners harsh and angular. The entrance being the architectural feature deserves first consideration



A little variety may be introduced into shrub plantings by evergreens (American and Pyramidal Arborvitaes for example) used as accent plants, as at points A or A and B in the sketch at the right



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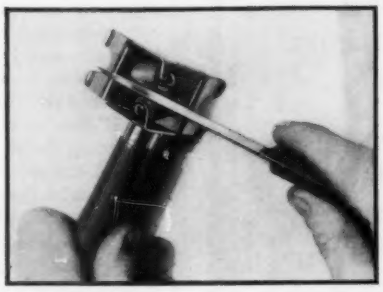
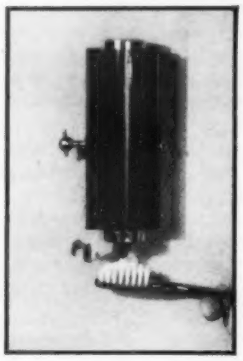
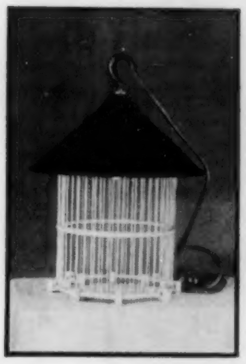


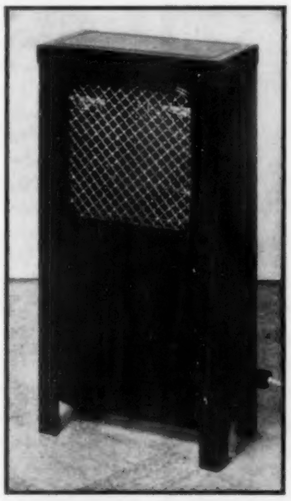
THIS knife sharpener will sharpen almost any blade quickly, while carborundum rollers wear blade very slightly. Detachable handle in green, ivory, or yellow lacquer. $1.00 postpaid. Handy Andy Specialty Company, 39-40 22nd Street, Long Island City, N. Y.



THIS toothpaste or shaving cream holder can be attached to the tile or woodwork of your bathroom wall. A simple turn of the handle releases enough paste for brush. In white, black, blue, green, and yellow enamel. $1.25 postpaid within 100 miles. To points beyond add 15¢ for packing and postage. Hammacher, Schlemmer & Co., 145 East 57th St., N. Y. C.



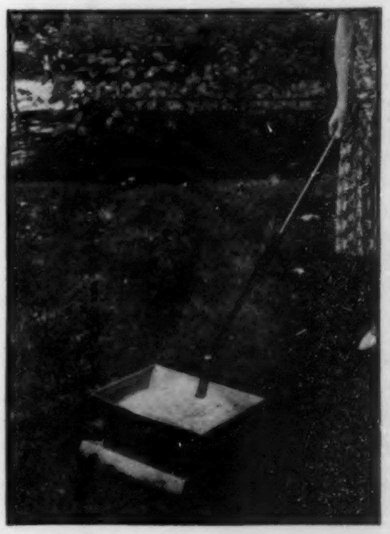
THE Electro-Static lamp will destroy electrically any insect attracted to its ray, when it comes within reach of the lamp. Not only useful for garden, farm, etc., but excellent for porch use for mosquitoes, etc. To operate simply attach to light switch 110 volt alternating current. Price $21.50. Express collect. Hatheway & Co. Inc., 225 Varick St., N. Y. C.

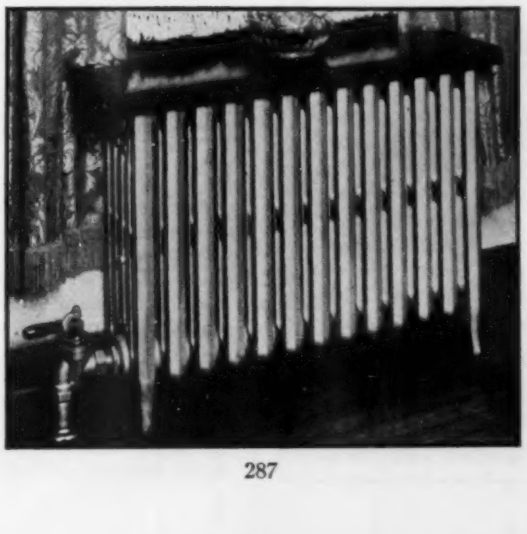


A PORTABLE electric room heater which is easily plugged into any socket is shown above. For A. C. or for D. C. Ivory enamel $7.50, walnut finish $8.50 postpaid east of the Rockies; to points beyond express collect. Home Gadgets, 200 Fifth Avenue, New York City.

THE Vigoro spreader (right) does an especially excellent job of applying plant food on the established lawn. Useful as well for spreading lawn seed. $1.95 postpaid, from your local dealer or direct from Swift & Company, Vigoro Sales Department, Union Stock Yards, Chicago, Illinois.

THE electro-master heating element (above) is an electric heater designed for hotbeds, seed germinators and propagating benches. It provides even controlled heat, and is designed to maintain adequate temperature under nine square feet of surface 33" long, 33" wide, 2½" deep. Rust proof cadmium plated steel frame is used. Price without thermostat $8.75 postpaid from Electromaster, Inc., 1803 East Atwater Street, Detroit, Michigan.





THIS shelf (left) will not only hide the unsightly top of your radiator but converts it into a useful wall table. Also contains humidifier for keeping steam-heated rooms humid. Made of steel and finished in dark brown. Humidifier of galvanized steel is concealed. In 18", 24", 30", and 36" size $2.50 each; 42", 48", 54" size, $3.75 each; 60", 66", and 72" $5.00. All with humidifier. Allen Specialty Co., 16 West 61st St., N. Y. C.

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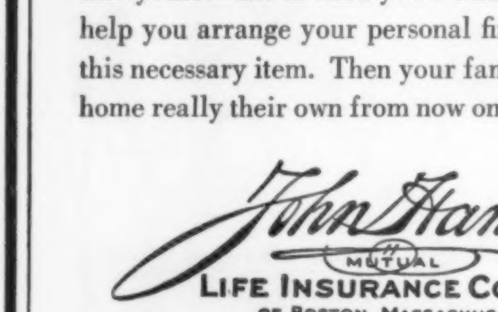

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Planning your life

Continued from page 257

ready funds, or securities that he can turn into funds, or use as collateral for borrowed funds. And again the question arises, "How shall this be accomplished?"

SYSTEMATIC SAVING

It can be done most easily in just the same way that insurance is secured: by accumulation through systematic and regular payments. Remember, it is the little drops of water and the little grains of sand that make the mighty ocean and the beauteous land. If you will take care of the pennies, the dollars will take care of themselves. No matter what the size of your income is, it ought to be possible to save something from it. If you cannot save more than a nickel a week, save that. At the end of the year it is two dollars and a half. But what is more important still, by saving systematically you get the habit. Then, when the prosperous days *do* come, you will go right on saving, and you will save in proportion to your prosperity. On the contrary, unless you do save regularly, you will never, never accumulate a dollar, no matter how large your income is. Life is indeed a bundle of habits. Thrift is one of these habits.

But don't think that thrift is merely the habit of accumulating a bank account. Real thrift is the management of your estate so that it constantly increases in value. Please ponder that a moment. It means that the truly thrifty man takes care of his property, not only so it does not deteriorate, but so it actually appreciates in value. It means that he gets one hundred cents' worth for each dollar he spends, and often considerably more. It means that when bargains come along, he has the money to secure them. It means, to paraphrase M. Coué, that every day in every way, the thrifty man is getting richer and richer.

When you stint yourself to save money—as any ordinary man who desires to possess property must stint himself—you are not going to throw away anything that has value. Your entire psychology undergoes a change. You get a new vision of life. You see things in a truer light. And the sum total of it all is that you somehow acquire the ability to make money grow. Some new quality, something you did not have in your make-up before, comes into your character when you become truly thrifty. And you inevitably become thrifty as the result of systematic saving. So the byproduct may once again be worth as much as or more than the main product itself.

WAYS OF SAVING

As to how you shall save, that is a matter for you to determine. Isolated indeed must be the spot that does not provide some place where you can save money in small amounts and get interest on what you deposit. Every one of Uncle Sam's thousands of post offices will take your money and keep it safe for you, with interest. There are thousands of savings banks in the country, or banks with savings departments. Where the state laws are sufficiently stringent and are rigidly enforced, the savings banks are mighty safe organizations in which to place your money.

Finally, there are the building and loan associations, or, as they are now often called, the savings and loan associations. These will pay you a higher rate of interest than the savings bank can, because they are allowed to invest a greater proportion of their total funds, and so they earn proportionately more. And with these institutions, as with the banks, where the state laws are adequate and enforcement is good, the savings and loan association is one of the finest of human institutions.

Practices differ in various societies of this sort. In some, you must pay a certain given amount into your account every month. At the end of a certain term of years, you get back a round sum that includes all you have paid in, plus a good sum of interest. Some societies offer various methods for your choice. In one with which I am familiar, you can regularly deposit any given sum monthly, and at the end of a term of years your savings come back to you with five per cent interest. Should you be forced to discontinue your payments or withdraw your money before the specified term is ended, you get four and one half per cent interest.

One plan of this society is as follows: If you will pay in ten dollars a month, in seven years your money will amount to $1,000. Thus you actually pay in $840. The remainder of the $1,000 is interest at five per cent. If you can save $20 a month, you will get $2,000 at the end of the term. Should you be able to put away $50 a month, your savings will total $5,000 in seven years. And if you are able to pay ahead, your $5,000 will accumulate just so much the quicker.

SAVE-AS-YOU-PLEASE METHOD

Another plan offered by this company is the "save-as-you-please" method. You add to your account when you have surplus funds. On such an account you receive but four and one half per cent interest. In other words, you suffer a penalty of one per cent for irregularity. Yet this penalty may well be worth suffering, for such an account is actually so much cash. I know a man who has an account in this society into which he pays $50 every month. He will draw out $5,000 at the end of the seven years. He also has a "save-as-you-please" account, in which he deposits surplus sums from time to time. Originally he used this account to accumulate funds for investments. When he had accumulated $500 or $1,000, he searched out a good investment and put the money into it. Now that he is accumulating capital through the regular payment plan, he uses this fund as an emergency fund. It is simply so much cash on hand against an emergency. Twice in recent years members of his family have unexpectedly gone to hospitals for serious operations. His emergency fund enabled him to meet the situation without worry or financial

Planning your life

difficulty. He says that he is now going to accumulate $1,000 in this fund and simply let it lie there as an emergency fund. All the time it will be drawing four per cent interest.

FOR HOME OWNERS

Though the savings and loan society can be made thus useful, we must not overlook the main purpose of this organization, which is to enable people to secure homes in the easiest possible way—through regular monthly payments that take care of the interest on the mortgage and gradually reduce the principal or the mortgage itself, so that in less than twelve years you own your house outright. Meantime, you have paid no more to acquire the house than you would have paid a landlord as rent for a similar house.

The savings and loan society may well be an agency in the financial plan of every man. Through it one can save for investment, with a higher rate of interest than the savings bank offers; one can accumulate an emergency fund; one can pay directly toward the ownership of a home. Like insurance, what you have in such a society is protection; but unlike insurance, it is as good as ready cash. It can be turned into any other investment at short notice. It is a working fund that often enables one to acquire wonderful bargains in the way of real estate or securities.

Whether we get them at bargain rates or at par, we should all possess good securities and real estate. Every head of a family ought to own a home. Just as certainly, he ought to have some good securities back of that home, as well as insurance to protect the home. This triple objective—home, protection of varied sorts, additional property—is really the destination which each one of us has in mind when he sets out on the journey of life.

LEAVE NOTHING TO CHANCE

The man who wants to succeed should leave nothing to chance. He should first of all decide as nearly as he can upon his destination in life. When he has figured out the triple objective mentioned, as every thinking man must, then he is in position to map out his course. Just what that course shall be each of us must decide for himself. But the only way to be sure of arriving is to chart your course along a channel that is known to be safe and that leads to your destination. Then, whether you go to Patagonia or the land of your heart's desire, you will arrive safely, with your flag flying at the top of the mast.

A modern expression of Connecticut tradition

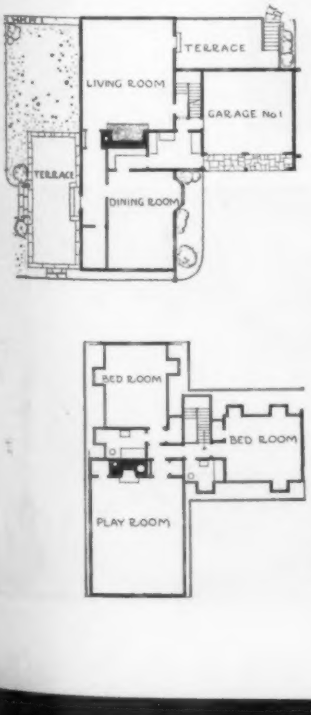
Continued from page 264

that must be a child's version of Paradise. At least, it would have been all of that, in the dim days of our own childhood. The room is nearly two stories in height, the ceiling converging to a point like the roof of the house. There is a wainscoting of pine boarding and an unlimited number of cupboards for storing the treasures of youth. The dormitory idea has furnished the inspiration for this mammoth room, and five little provincial beds stand against the walls. The rag rugs on the floor are easily removed when the room becomes a circus ring or a freight yard on a rainy day.

The spacious, indestructible quality of this nursery makes it an ideal place for growing children. Its bareness and simplicity are the pleasing attributes of our old Colonial homes, not the nudity of an institutional dormitory. Its young occupants find it a delightful place in which to spend their leisure hours.

The other bedrooms are treated in the informal fashion suitable to a Connecticut farmhouse. There is a good deal of maple furniture in evidence, and some quaint wallpaper.

Above the kitchen are the servants' rooms. The garage between the stable and the house, contains a suite for the gardener and his family. The stables, with their commodious stalls and bright weathervane provide pleasant quarters for several friendly horses.



At the left are the floor plans of the house proper. An archway connects it with the stables and barns at the point where the garage is indicated, thus forming a T-shaped structure; the plans, however, have been cut off at this point

How to provide a RETIREMENT INCOME for yourself

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THIS new Retirement Income Plan makes it possible for you to retire at any age you wish, 55, 60, or 65. You may provide for yourself a monthly income of $100, $200, $300, or more.

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A Retirement Income is paid for in small installments of only a few dollars a month. The exact amount depends on (1) Your present age (2) The age at which you wish to retire (3) The amount of monthly income you will want.

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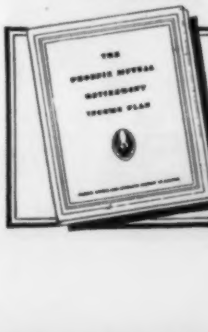
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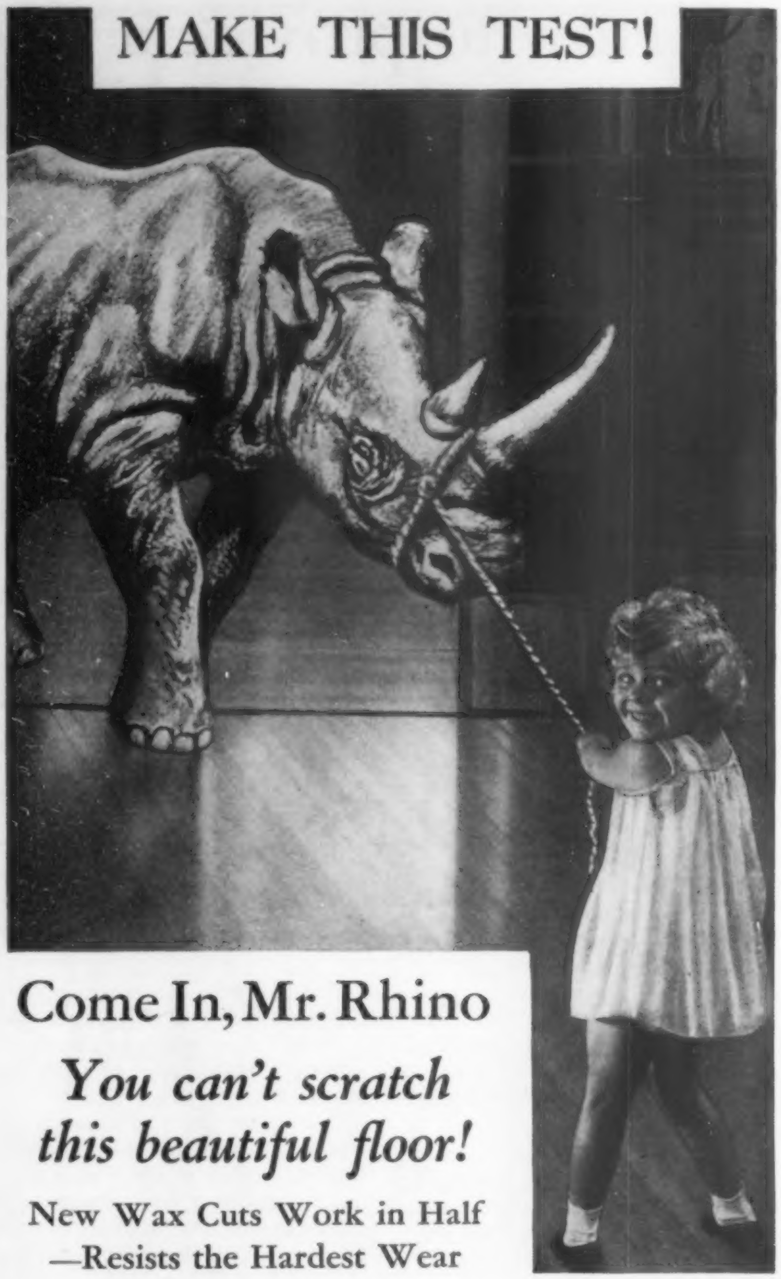

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Just wax them with the new superfine wax compound which is blended and emulsified by a secret process—called the Koric Process—that removes all the objectionable features of ordinary wax. You'll be surprised!

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First of all, you'll discover that waxing a floor is now almost as easy as sweeping. For this new wax compound is not heavy or sticky like ordinary wax. It is creamy-smooth and supple. It actually cuts work in half!

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Then you'll see all the shabby signs of wear disappear as the floor quickly regains its original beauty and gleams like new under the lovely, smooth wax surface that stands up under heavy traffic for an amazingly long time.

Now dress up your home . . . keep your shellacked, varnished, stained, painted and linoleum floors looking like new! Bring out all the beauty of the natural woods in your furniture. Use this new wax compound made by the secret Koric Process.

NOTE: There is only one wax—just one—made by the Koric Process . . . that is OLD ENGLISH WAX . . . paste and liquid. No other wax will give such satisfaction on floors and furniture. So demand this process wax. Sold by all dealers. Made by The A. S. Boyle Co., Cincinnati, Ohio.

Old English Liquid Wax

This is the Only Wax Made by the Koric Process

Old English Wax
Paste and Liquid

Old English Wax for Floors

The daily dishes

Continued from page 265

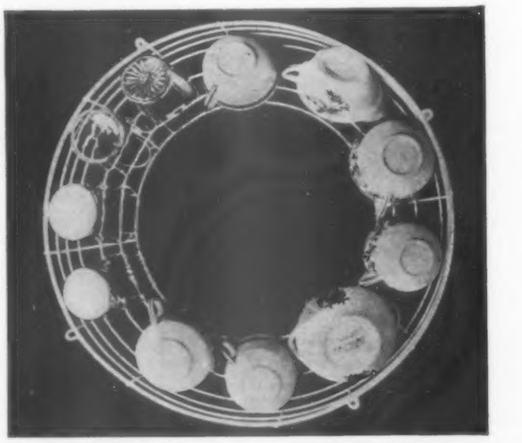
dishcloths is surprising. A rough, open weave that absorbs water readily and will quickly dry out after it is washed, is the easiest type to work with and the most sanitary. For cleaning pots and pans, there are woven wire dishcloths, loose pieces of metal fibres, and metal loops set in a handle. As the cleanliness of these implements is an important part of efficient dishwashing, always select cloths and mops that will stand daily boiling in soapsuds.

Fascinating little brushes in all shapes and sizes will prove timesavers in cleaning percolator spouts and the insides of bottles and jars. They come with tufted points that oust the dirt from difficult corners.

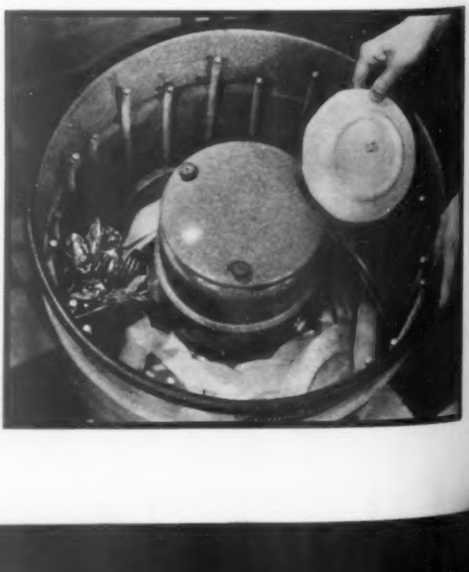
And how about a wire drain basket? If you have been wiping every dish you'll save a good many minutes by eliminating the practice. Besides, it is considered much more hygienic to scald the china than to dry it on a towel. The silver and glassware, of course, will have to be wiped. Linen towels are the most satisfactory for drying glasses, since this fabric is absorbent and does not shed lint. Like other dishwashing appurtenances, towels should be selected with their washability in mind. For some unexplained reason, most glass toweling is checked with red or blue. The red pattern is less likely to fade than the blue, so it is better to confine your choice to this color, distinguishing one from another, if need be, by the size of the checks. For the occasional wiping of pieces of china, the glass towels will serve the purpose. Crash toweling is the most practical material for drying cooking utensils. Towels may also join the labeled group of utilites found in most kitchens, for they can be purchased with the words "glass towel" or "dish towel" woven into the fabric. Such weaves, however, are somewhat higher priced than the others. Hand towels should be of a different pattern from those used for dishes, and kept on a separate rack. Otherwise, would-be helpful guests, unfamiliar with the household arrangements, may upset the smooth running procedure by drying their hands on the dish towel or using the hand towel for the dishes.

A faucet device, which washes the dishes according to the panless method, includes a wire basket. The dishes are placed in this rack and cleaned with a soapy spray. The attachment, which costs $5.00, is fastened to the faucet by means of a rubber washer and can easily be removed when the work is over. It consists of a small metal container, to be filled with pieces of soap, a rubber hose with a metal nozzle, and a fibre brush which can be screwed on this nozzle, for scouring cooking utensils. The water may be directed through the soap chamber to obtain a sudsy stream, or, by closing the soap valve, it may come through clear for rinsing.

On your shopping tour you will have an opportunity to investigate electric dishwashers of the portable type, but not the washers which are a part of the sink, and are bought with it. Movable washers on casters come in cylindrical form or in cabinet shape and cost from $100 to $200. A round model at $94.50 handles thirty-one dishes in addition to silver. It is particularly suitable for small kitchens since it can be rolled under the sink when not in use. One of the many advantages of the power washer is the fact that it keeps the kitchen looking neat, as soiled dishes, left



The upper tray of one type of electric dishwasher showing the cups and glasses inverted in the position in which they are washed. (Walker Electric Dishwasher)



Dishes should first be scraped and then placed in their respective racks and the silver in its container for washing. (Cindrella Dishwashing Machine)

The daily dishes

from one meal until the next, may be placed in the racks, out of sight until the housewife is ready to wash them. A larger, cabinet washer, at a standard price of $159.50, can be furnished with shelves on one or both sides. Portables are filled from the sink faucet and emptied into the sink.

It is a little difficult to give an approximate cost for dishwasher sinks as there are many standard types and any number of finishes. You can get one in which the dishwasher top serves as a drainboard, another equipped with a built-in drainboard at the side, a model adapted for tiling-in, and still another that is entirely a dishwashing unit and installed as a plumbing fixture but intended to be filled from the regular sink. Roughly estimated, however, prices vary from, let us say, $170 for a white enamel dishwasher of the individual type to around $400 for a combined drainboard, sink, and washer, finished in acid-resisting enamel. Complete chromium plated fittings are worth the small additional cost as they do not require scouring but can be kept bright with a soapy cloth.

Both the movable washers and the sink installations do the actual washing on the same general principle. The dishes and silver are placed in racks which fit into a circular compartment and hot sudsy water is sprayed forcibly over them. A snap of the switch and the water flows out, to be replaced by clean rinsing water. After the rinsing, the top is lifted so the dishes may dry in the air. The whole operation takes about five minutes, plus a few minutes more if you prefer to polish the silver and glasses. Different makes vary in details of construction. In one, the silver is placed in the center of the top rack; in another, it is tucked into an additional pocket at one side. Rubber-plated dishracks are a feature of the latter machine.

Soiled dishes should be thoroughly scraped before placing them in the washer and an extra quantity of the soap solution added to the water when oil or fat remains on the plates. While the force and heat of the rinse water will keep the interior of the machine fairly clean, it is advisable to give it an occasional extra sudsing in the cause of cleanliness.

Another convenience worth considering is a dishwashing sink. This is not a mechanical washer, but a sink in which a circular compartment takes the place of a dishpan. The unit also includes a rectangular drying section equipped with a wire basket, a drainboard, which may be at the right or the left as desired, a rubber hose fitted with a spray, and a stationary soap dish. In the smallest size, a white enamel dishwashing sink costs $80.00. Larger sinks come at $105.00, and a little extra charge is made for colored enamel or an acid-resisting finish.

In addition to all the appliances which are manufactured to simplify dishwashing, it is well to bear in mind such contributory aids as stainless knives and kitchen utensils that are made of chromium-plated nickel or steel, since these can be kept clean with soap and water and consequently save the labor of scouring. Sterling silver, too, is now treated by a special process which prevents tarnishing. For a few dollars more, flat silverware and larger pieces may be bought with a finish that remains bright without polishing. Regular washing with soapsuds is all the attention it needs.

Although not strictly a part of the dishwashing process, the disposal of garbage must inevitably be included in the general cleaning up. Incinerators have removed most of the disagreeable features of this task and resulted, as well, in improved sanitation. A convenient type of incinerator is equipped with a hopper door, generally located in the kitchen, with the incinerator chamber installed in the cellar, or against the outside of the house if there is no basement. The cost varies from $200.00 to $600.00, according to the size of the incinerator and the conditions under which the installation is made. Operation costs nothing, and old houses as well as new ones may be equipped with this type of incinerator. Portable gas-fired incinerators can be installed in the home in an hour or two. A handsome model with green and white enamel panels comes in three and four bushel capacities and ranges in price from $165.00 to $225.00. A smaller portable, not so de luxe but equally satisfactory in operation, runs from $100.00 to $125.00.

But while convenient equipment and easily cleaned utensils are vital to quick and efficient dishwashing, the most important factor of the job is good planning. You can shift much of the labor to mechanical aids, but no one has yet invented a machine that will organize the work.

Plan to save every step possible. Carry out all the dishes on a tea wagon instead of making several trips with a few dishes at a time, scrape them, and then sort them according to size and shape. If you are washing at the sink, the arrangement should be such that the unwashed pile can be stacked at the right and the drain basket placed at the left. This will eliminate waste motion. Competent housewives have found that doing the glassware first, then the silver, next the cups and saucers, and finally the larger pieces, is the best procedure. Whenever possible, cooking utensils should be cleaned and put away during the preparation of the meal. Pots and pans that need soaking can be set on the back of the stove until you have disposed of the china and silverware. Eggy, milky, and floury dishes should be soaked in cold water; greasy utensils in hot. Making this distinction will save energy when they finally reach the sink.

There are times, however, when a few extra motions at one stage of the work will eliminate the necessity for more arduous labors later on. Less elbow grease is needed, for instance, if the suds are changed once or twice during the washing. For dishpan washing, the water should be as hot as the hands can bear. With a faucet device or a mechanical washer, the temperature can be much hotter. The rinse water should always be scalding hot.

While the usual service of three meals a day in a household involves the use of many dishes, up-to-date equipment will do much to lighten the task for the housekeeper.

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The American Home Employment Plan

Continued from page 278

or of the new factory-finished strip hardwood that is ready to use as soon as it is laid, requiring no further finishing. This prefinished flooring can be easily laid in a day's time. Or consider a patterned floor using hardwood blocks that can either be nailed to the old floor or set in a resilient mastic cement.

91. *Install linoleum, rubber tile, or decorative composition floors, or lay carpeting in selected rooms.* Another method of resurfacing old floors is to install some one of the modern compositions such as linoleum or rubber. There are many types available, and their durability and economy as well as their beauty are thoroughly established. Consult manufacturers for names of authorized floor layers for best quality work. It must not be forgotten, too, that in this day when the all-over carpet is so much in style, that carpets can be used to hide blemishes in floors as well as to add beauty to the room.

92. *Install ceramic tile floors or wainscots in bathroom or kitchen.* If you would like modern ceramic tile wainscots and floors in your bathroom or kitchen, consider having them installed this winter. In the case of the wainscots, the work involves removing the old plaster and lath and applying a metal lath and cement plaster base to which the tiles are applied. For floors either of two methods is followed: Usually the old floor and subfloor are taken up, the floor beams are cut to a sharp edge at the top, and metal lath is stretched across these beams to receive a cement underfloor that carries the new tile. This brings the finish down to the level of the original floor. Another method used in old houses where shrinkage is not likely to occur is to remove the finished hardwood floor and lay over the wood subfloor a layer of metal lath and a relatively thin slab of cement. The tile is set on this cement with only a slight change in the original floor level.

93. *Add new bathroom (by rearrangement of partitions or exterior addition, or in attic or other spare space).* The difference between an old house and a modern one is often measured by the number of bathrooms. If you would like an extra bath in your house, ask a local contractor and a plumbing contractor to go over the house with you and see what opportunities there are for remodeling the interior to accommodate one. Often closets can be enlarged or combined to make room for a compact bath, or there may be space in the attic or even in the ground floor which could be used economically for this modern convenience. Even an exterior addition can be built in the winter and completely enclosed before the original outside walls are cut away. Such work can often be financed by plumbing fixture manufacturers or by your building and loan association so that payment is extended over a period of years.

94. *Install a separate shower enclosure in bathroom.* Many bathrooms of reasonably comfortable size can accommodate a modern shower enclosure. Smaller baths frequently can be so equipped by taking adjacent closet space, or by building a partition running into an adjacent room. The convenience of a complete shower enclosure with the opportunity for using needle showers as well as the overhead spray will be appreciated by women particularly. Costs can readily be estimated by your plumber (or, if partition alterations are involved, by the general contractor).

97. *Install an electric sump pump to automatically remove water from basement where subject to flooding during spring.* When a basement that is subject to occasional flooding in the spring is below the level of any drain or when local regulations forbid drainage of cellar floors into the sewer, the most practical and economical solution usually is to install an automatic electric pump. This work involves sinking a fifteen- to eighteen-inch section of clay sewer tile into a pit dug in the floor at the lowest point. An electric sump pump or "cellar drain" is then inserted in this pit with the motor above the floor level. These pumps cost from around $55.00 up and work automatically whenever the pit becomes filled. The excavation work is done by a mason or concrete worker. A discharge pipe should be run outdoors or into the sewer by a plumber, and an electrician will install a permanent connection to the automatic switch on the motor. There is also a type that uses water pressure alone (without electricity) to remove cellar drainage. Your plumber can explain its operation.

98. *Install handrail on stairs (cellar, service, or main staircases); reconstruct cellar stairs for greater safety; install gate at head of stairs to safeguard children.* As a practical means of reducing the hazard of accidents these suggestions will appeal to almost every household. Particularly, cellar and attic stairs are dangerous in these days when even guests are invited to visit these areas to enjoy the new recreation room. Good stair building requires a skilled carpenter, but installation of handrails, gates, and other minor improvements may be made by any carpenter.

The American Home Employment Plan

CHECK LIST

Reprints of this check list in page form may be secured at cost from THE AMERICAN HOME, Garden City, N. Y. Single Copies, 2 cents for return postage; 10 copies, 16 cents; 100 copies, $1.50; 1,000 copies, $14.50; 5,000 copies, $33.50; 10,000 copies, $53.00.

Read this list through for improvements that fit your home; then consult your local unemployment committee for men competent to submit estimates and perform the work. Be sure to carry out the improvements you want this winter while men are in dire need of work. Twenty items are discussed in detail in each issue. The letters after various items on the facing page indicate the month in which these items were discussed

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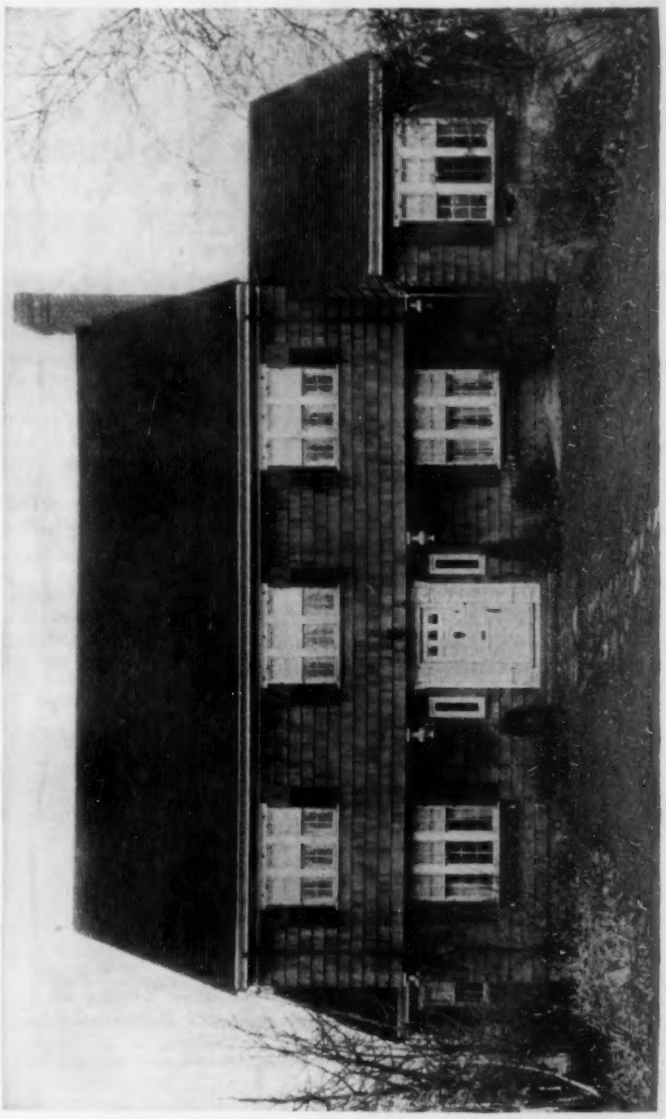
1. Develop basement playroom. D.
2. Install cedar lining in one or more existing closets. D.
3. Repair or replace gutters, leaders, or flashings. N.
4. Install dormer window or skylight to make attic space useful. N.
5. Repair existing roof; restain or apply preservative to wood shingles; repaint canvas roofs; stop leaks. N.
6. Reroof with wood, asphalt, asbestos or metal shingles, slate, clay tile, or metal. N.
7. Repair or replace hardware; correct sagging doors or defective windows.
8. Install a package receiver.
9. Convert coal-fired boiler or furnace to burn low-cost pea coal. J.
10. Apply asbestos or other heat insulating covering on pipes and boiler to reduce waste of fuel.
11. Reconstruct and straighten warped chimneys, add chimney pots, repair joints to improve draft. N.
12. Construct new outside chimney for new fireplaces. N.
13. Clean chimney flues; clean out ash pits, repair flue connection; reset furnace. N.
14. Install an incinerator.
15. Modernize exterior of house by applying shingles, brick facing, stucco, etc., over present exterior. N.
16. Repair porch railings, floors, steps, etc.
17. Add new porch or enclose existing porch with glass to make new sunroom. N.
18. Construct new removable winter vestibules for exposed doors. N.
19. Build portable screen enclosure for open porch for summer use.
20. Prepare window and door screens for next season's use, including rewiring and repainting. Also consider installation of new screening of modern type.
21. Install full-length mirrors on bedroom doors. D.
22. Install modern closet fittings, such as shoe racks, clothes hangers, linen shelves, storage drawers, etc. D.
23. Install booster fan on warm air pipe leading to underheated room. J.
24. Correct the heating of a cold room. J.
25. Repaint exterior of house in fall while weather permits. N.
26. Modernize floor plan of house by combining two rooms, changing or removing partitions, etc. J.
27. Convert large closet into an extra toilet or shower room. D.
28. Provide extra bedroom by subdividing large room, by using waste space in attic, or by addition. J.
29. Install wash basin in bedroom. D.
30. Install door bed in sewing room, library, or other extra room (having a closet) to make it a convertible bedroom for occasional guests. J.
31. Enlarge existing garage or build new garage. N.
32. Remove dead wood from trees and shrubs and have tree surgeon repair decayed parts of important trees.
33. Reconstruct dry-wells; carry drainage from leaders further from foundation; or apply waterproof membrane around exterior of basement walls before ground freezes (to forestall flooded cellars in spring where conditions indicate need). N.
34. Modernize existing bathroom—new wall treatments, flooring, fixtures, medicine cabinet, etc. D.
35. Build new closets. J.
36. Provide outside accessories such as window boxes, trellises, bird houses, etc., ready for use in spring.
37. Erect new fences, gates, arbors, pergolas, and other garden structures.
38. Construct concrete, stone, or brick walks, terrace, or steps. N.
39. Conceal all radio wiring, including aerial and ground wires. D.
40. Install new concealed radio wiring to permit use of extension speakers in bedrooms, dining room, or attic or basement recreation room. (Note: The average standard commercial receiver will operate from two to ten reproducers, permitting use of radio in any part of the house without moving the receiver). D.
41. Install remote control for radio receiver, built-in speakers, etc. D.
42. Modernize the kitchen arrangement for more efficient work. J.
43. Build breakfast nook in unused part of kitchen or pantry, or build new breakfast porch. J.
44. Install new kitchen or pantry cupboards and closets or modernize storage space. J.
45. Install oil burner, automatic stoker (coal or coke), or gas burner in heating plant. D.
46. Relocate or replace radiators. J.
47. Install movable disappearing stairway for space economy. J.
48. Convert warm air heating plant to modern forced circulation system with humidification. N.
49. Convert one-pipe steam heating system to vapor-vacuum system for more uniform heating and fuel economy. N.
50. Improve operation and efficiency of two-pipe steam, vapor, or hot-water system. N.
51. Install high-efficiency boiler, furnace or air conditioning heater. N.
52. Replace common glass with ultra-violet ray (health) glass in nursery, sunporch, or all windows. D.
53. Install modern thermostat. D.
54. Install air-moistening (humidifying) equipment to create more healthful conditions (now possible with any type of heating system). D.
55. Weatherstrip doors and windows. N.
56. New storm sash or double windows for exposed rooms. N.
57. Install fuel lift from basement wood pile to near fireplace in living or dining room. D.
58. Install an invalid's elevator to give greater freedom of movement for a person who cannot climb stairs. D.
59. Have wiring system checked over for compliance with insurance requirements. J.
60. Modernize lighting system—relocate fixtures, substitute wall brackets for chandeliers, provide new fixtures. J.
61. Install extra electrical outlets to eliminate long cords. J.
62. Install wall switches at entrances to eliminate pull cords. J.
63. Install new sink in kitchen or pantry. D.
64. Install an electric dishwasher. D.
65. Install pilot light on selected switches. J.
66. Install night lights or bed lights with switch at bedside. J.

(*Continued on the next page*)



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67. Eliminate batteries on bell call or annunciator system by installing small power transformer. J.

68. Provide low voltage current in the children's playroom for operating electric toys. J.

69. Modernize the laundry equipment—perhaps, including new trays, washing machine, ironer, or clothes dryer. D.

70. Install laundry chute. D.

71. Remove storm windows and winter vestibules in preparation for warmer weather (in early spring).

72. Early spring exterior painting of all items not repainted in the fall.

73. Repair cracked, loose, or fallen plaster on walls or ceilings.

74. Plaster basement ceiling on metal lath for fire protection, cleanliness, and better appearance, or surface with wallboards.

75. Cover defective plaster ceilings with fabric, wallboards, or pressed metal to eliminate future repairs.

76. Install a ventilating fan in kitchen.

77. Correct defective fireplaces.

78. Install hearth and mantel for gas or electric radiant heater in bedroom or other room lacking chimney connections.

79. Install pine, oak, or other plank, or paneled walls in dining or living room.

80. Modernize obsolete interior trim and doors, replacing with new.

81. Repaint interior trim in one or more rooms, or throughout.

82. Insulate roof or attic floor to reduce heat losses in winter and to make second story or attic bedrooms cooler in summer. Also consider insulating sidewalls of house.

83. Line unfinished attic space with insulating boards or plaster to create extra room or playroom.

84. Build in new bookcases, window seats, china closets, telephone closet or cabinet, folding ironing board, children's toy cupboard, etc.

85. Dampproof basement walls on inside to prevent leaks.

86. Insulate cellar walls and cold water pipes to minimize condensation and dampness in mild weather.

87. Redecorate with paint, plastic paint, wallpaper, wall fabrics, wood veneer, or other material one or more rooms.

88. Kalsomine or whiten ceilings throughout the house.

89. Install new hot-water heater or tank.

90. Refinish hardwood or painted floors, or cover existing floors, with pre-finished or block type flooring.

91. Install linoleum, rubber tile, or decorative composition floors, or lay carpeting in selected rooms.

92. Install ceramic tile floors or wainscots in bathroom or kitchen.

93. Add new bathroom (by rearrangement of partitions or exterior addition, or in attic or other spare space).

94. Install shower enclosure in bathroom.

95. Install modern concealed radiation.

96. Cut up fire wood or replenish supply in cellar (local unemployment committees may have cord wood for sale prepared by unemployed).

97. Install an electric sump pump to automatically remove water from basement where subject to flooding during spring.

98. Install handrail on stairs (cellar, service, or main staircases), reconstruct cellar stairs for greater safety; install gate at head of stairs to safeguard children.

99. Recondition driveway, applying new crushed stone surface; reset brick or flagstone walks or terrace pavements where lifted by frosts.

100. Put garden tools in order for spring use—repair and sharpen lawn mowers, repaint wheel-barrows, roller handles, and clean up and oil all metal work on tools.

Sofa symphonies

Continued from page 268

everything, so you can surely find a desirable material of this character to fit any individual need or taste. Some of these tapestries are dull in finish; others are so woven as to have silky sheen.

Suddenly, however, your sofa is called upon to play another rôle. It finds itself placed in a formal drawing room, together with other pieces which are fairly shouting "elegance." What now? You've got to take your sofa out of its more humble rôle, give it gorgeous raiment, and make it sit up with a swanky air, ready to play up to its richer surroundings.

Is it necessary to go to the expense of buying a formal sofa of a definite period style, or dashingly modernistic, and to discard the nice comfortable old davenport as not being fashionable enough? Not at all. Instead, choose carefully, in keeping with the rest of the furnishing ensemble, a fine brocade, damask, brocatelle, or even velvet, with which to have your sofa upholstered—and at once it spreads itself like a proud peacock, and takes its place as a quite formal piece of furniture which has already forgotten its days of the chintz petticoat.

It is well to remember in passing that color and texture are two of the most significant factors to consider to-day in the selection of any fabric for any purpose. I might almost add that, provided that color and texture are correctly selected according to fundamental artistic principles governing the harmonious furnishing of an interior, the design will take care of itself.

Now what should happen if, over night, you decide to separate yourself forcibly from all remnants of Victorianism, and even to forget your wild hankering for Early Americanism, and to "go modern" with a vengeance? You have resolved to buy at least a few modern pieces, and your wall decoration, draperies, rugs, and accessories are to be as ultra ultra as a painting by Picasso.

Very well. But here is this old sofa to be reckoned with. And you

Sofa symphonies

just can't afford to throw it out and buy one of those terribly expensive modernistic ones! What to do? Take heart. The crisis isn't so desperate. The perfectly innocuous lines we have selected for our keynote will combine remarkably easily with quite strenuous modernistic effects and things. It's all in the cover. So if you dress up the sofa in a modern tapestry, you can sit back and know that you have achieved both a triumph and a revolution.

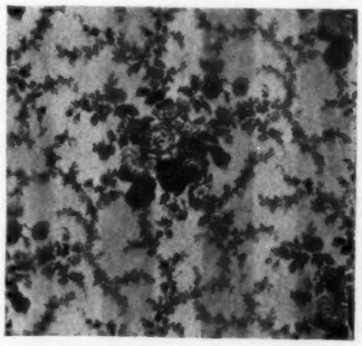
I could talk forever on the beauties of modernistic fabrics—their weaves, their colors, their designs, only there isn't space in this article. But let me whisper to you that introducing the modern note does not necessarily mean discarding all your old possessions. You can do some wonderful combining of the old with the new, under proper guidance, and achieve a harmonized unity on a surprising new slant, while still permitting your old and most cherished possessions to continue their distinguished place in your home.

Having done your sofa in a beautiful modernistic fabric, you will naturally follow this with a dramatic modernistic rug, and at once your living room becomes an eloquent exponent of this much maligned machine age.

Now it may also be that you want to confine modernistic design to your draperies, the rugs, and one or two chairs. In that case you must resort to *texture* to give that smart, up-to-date appearance to your sofa. And surprisingly enough, you can do this economically by upholstering it in a plain gray, a sand color, or a russet linen at about two dollars a yard. This works out in a way that can be extremely smart. I have used it again and again with the most astonishing results. You lift the monotone of the linen out of its abyss of thriftiness by relieving it with appropriate and colorful pillows.

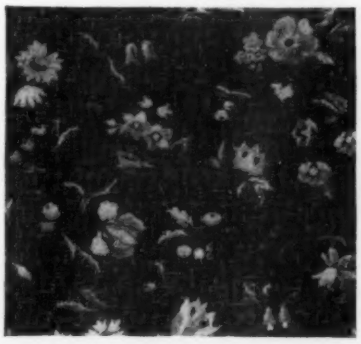
So your sofa may go all the way from grave to gay, and from strict economy to an orgy of expense. In any and every case, it must truly reflect the general character of the room over which it presides. To sum up, it may be:

1. Informal and very "homey," when done in chintz or cretonne with or without the petticoat ruffle.
2. A little more staid when upholstered in cotton tapestry, with floral or other bold design.
3. Elegant as a peacock feather, in a fine brocade, damask, brocatelle, or velvet.
4. Modern with rich and beautiful new weaves shimmering in a whole new world of beauty.



A lively chintz with a stippled background which makes it appear more elegant. (Ronald Grose, Inc.)

A perfectly "safe" brocade, proud and haughty, and singularly distinguished because of its fine quality and delightful color. (Ronald Grose, Inc.)



An informal cotton tapestry of unusual weave which is exactly the right background for the scattered design. (R. Carillo & Co.)

This gorgeous tapestry with a silken sheen is a triumph of modern craftsmanship but sufficiently conservative, too, to combine with fine things of other days. (Ronald Grose, Inc.)

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—HEARTHSTONE EDITOR

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RADIATOR HEAT	*American Radiator Co.*	*617*
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WALL COVERINGS (SANITAS)	*Standard Textile Prod. Co.*	78

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Gardens

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—HEARTHSTONE EDITOR

HEARTHSTONE EDITOR, THE AMERICAN HOME, GARDEN CITY, N. Y.

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THE GLASS OF FASHION

OUTRAGEOUS FLATTERY

Candlelight lends a plain face beauty . . . makes a lovely face still lovelier. Outrageous flattery! But what woman can resist it . . . or wants to? Particularly if the candles are held in these graceful Fostoria candlesticks! They add so much sparkle, so much glamour to the dinner . . . and they're *so* inexpensive.

MAYFAIR DINNER

Hostesses of the smart world are sponsoring a new and very lovely dinner mode. From cocktails to coffee, they now serve each course at the formal affair in Fostoria Glassware. And never have dinner tables been so colorful, so thrilling. The graceful service illustrated is Fostoria's Mayfair pattern. It comes in chaste crystal, or glowing shades of Green, Amber, Rose or Topaz. You can see this smart Fostoria service at any of the fine shops.

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This Fostoria iced-appetizer set enables you to serve, and serve in style, tomato juice, fruit, crabmeat cocktail, clam juice cocktail . . . in fact, any chilled appetizer you can think of. Each set consists of an individual ice-bowl and 3 containers of different shapes and sizes that fit into the bowl. They come in several lovely colors and, considering their versatility, are surprisingly low in price.

HOSTESS AUTHORITY

Hundreds of thousands of women seek the advice of Helen Ufford, Hostess Editor of Delineator. Miss Ufford is a very warm friend of Fostoria Glassware. And she always uses Fostoria in serving those extremely charming luncheons at which she entertains distinguished guests of the Butterick Publishing Company.

●

You'll be glad to know that Fostoria is a thrifty *purchase as well as a thrilling one. At the better shops. Write for booklet, "The Glass of Fashion," Dept. AH-2, Fostoria Glass Company, Moundsville, West Va.*

Fostoria

Shop Windows *of* To-day

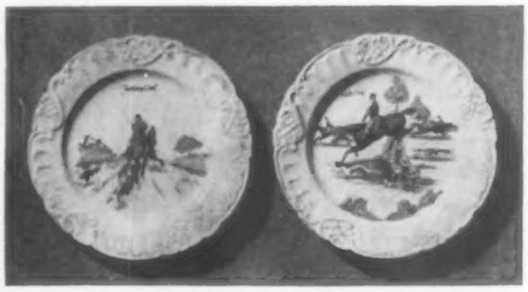
by DIANA NORTH

EVEN with a large globe, it is sometimes difficult to locate the wanted place, so that I was delighted to find the unique model shown at right, as the case underneath holds a reliable atlas. The globe is 8″ in diameter and is finished in mahogany. Price $4.85 express collect. LEWIS & CONGER, *78 West 45th Street, N. Y. C.*

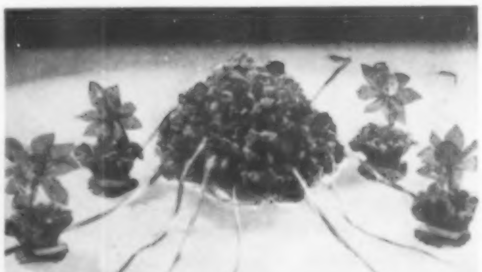
The clear crystal candy jar shown below is decorated with an authentic reproduction of the Washington coach, hand painted and then hand fired so that it will not rub off. It measures 8″ in height and costs $5.00; add 25c for postage. Glasses can be had with the same design; cocktail size $6.00 a half dozen, highball size $8.50 a half dozen, old-fashioned cocktails $8.00 a half dozen. All glass cocktail shaker $6.25. HAWTHORN SHOP, *147-19 Hawthorne Avenue, Flushing, L. I., N. Y.*

The finger tip towels shown at left are made of the sheerest linen and embroidered by hand with Porto Rican filet tire work. In white or in the softest pastel shades of blue, green, orchid, maize, or peach. Size 10 x 12″ and either assorted or all in one color. With a conventionalized design 79¢ apiece; six for $4.50. With three initials 89¢ apiece or six for $5.00 all postpaid. PORTO RICO STORE, *347 Madison Avenue, N. Y. C.*

Hunting plates always add a gay, jovial note to the winter table. The ones shown below cost less and are very much nicer than any I have seen lately. There are six different hunting scenes done in reds and greens on a cream-colored ground. Price $7.50 for six postpaid from PITT PETRI, *Waldorf-Astoria, Park Avenue, N. Y. C.*



Colorful table decorations always contribute a large share toward the success of a party, and the group shown below, we think, would be quite charming for a late winter or early spring party. The large centerpiece represents an old-fashioned nosegay and comes in any seasonal colors. Contains twelve favors. The flower nut cups, made to match, can have faces or other pictures in the center of the flower. Price of centerpiece $3.50 or $4.50 depending upon the quality of favors desired. Nut cups $2.50 per dozen. All postpaid from the PARTY SHOP-Kinnear, *61 West 15th Street N. Y. C.*



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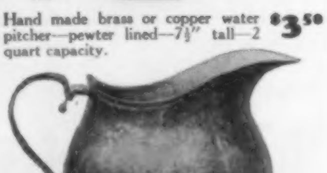

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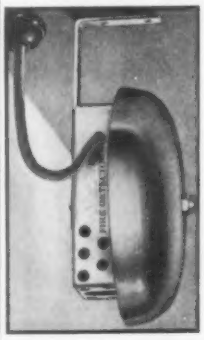

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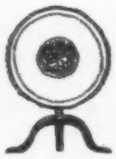
101-A Tremont Street Boston, Mass.



ANTIQUES
by
Sarah M. Lockwood

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DOUBLEDAY, DORAN

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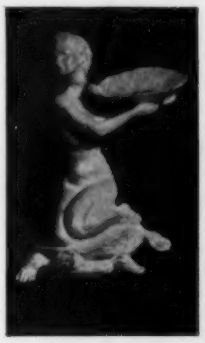

McClelland Barclay, the well-known magazine cover artist and illustrator has turned to sculpture as a new medium. He believes that utilitarian objects should be artistically beautiful as well, and to prove this has made several statues, one of which is illustrated above. The figure seated on the turtle, holds a shell aloft which is useful as an ash tray and is removable. It measures about 8" in height and can be had in mother of pearl, verdi, bronze, and several other finishes. Price $15.00; order from Maraffi, *305 East 45th Street, N. Y. C.*

From away down in Santa Fe came this decorative and amazingly colorful Mexican fruit. It is made of pottery and can be used to hang by fireside or doorway. Though we noticed slots in each piece of fruit, apparently for coins, I would hesitate to recommend it for a bank as it would be necessary to break the pottery in order to collect one's savings. An original gift at only $3.50 per string. The string measures about 3 feet. F. O. B. Spanish and Indian Trading Co., *Santa Fe, New Mexico.*

This luncheon set is of Bisso linen, in cream color with striped borders. Centerpiece measures 33 x 16" and the six mats each measure 16 x 11½"; there are six napkins as well. $7.50 postpaid anywhere in U. S. A., from Maison de Linge, *844 Madison Avenue, N. Y. C.*

See the whole room at a glance in a

GIRANDOLE MIRROR

See the whole room at a glance! Convex mirrors were made for this purpose in Italy in the early 15th century. For over 200 years they have been in vogue in this country. This one is an exact copy of an old mirror in the White House.

Fine quality glass is set off from the gilded frame by a jet black rim. The 13 balls in the beautifully finished gold work represent the 13 original states.

A Girandole mirror lends character and distinction to any room—a delightful gift for any bride.

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23"	16¼"	14"	$10.00
14¼	10¼	8	3.75

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$3.00

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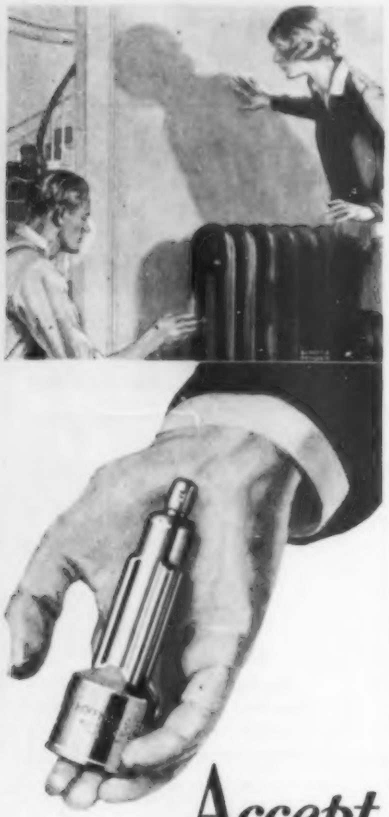

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Also makers of Hoffman Controlled Heat and Hoffman-Economy Pumps

A budget bedroom

Continued from page 262

pastel colors. The design is of decorative flowers, roses, morning glories, blue bells, and other varieties from old-fashioned gardens, which have been conventionalized with their surrounding green leaves, and made into a charming design.

The windows are hung with ready-made glass curtains of cream-colored square-meshed net which harmonizes with walls and woodwork, and serves as a foil for the long over-draperies of semi-glazed chintz. These may also be bought ready made nowadays, and are a great blessing to housewives as they are really all ready to hang, and save her the tiresome job of the meticulously careful measuring and adjusting which is necessary when the work is done at home. These particular curtains have a background of dark plum color, which is often called "eggplant," against which are clusters of brightly colored flowers in natural tones. You may, however, buy similar draperies to harmonize with any color scheme you have in mind. They are all finished down the front edges, and across the bottoms, as well as on the tie-backs with pleated edges of chintz, which in this case is jade green, thus repeating some of the color notes in the rugs and hangings, as well as in the mat of the French costume print picture which hangs over each bed.

An effective contrast to the dark tones of the furniture is provided by the bedspreads of old-gold taffeta which are long enough to pull up over the pillows, and have a corded finish above their flounces. Between the twin beds, by the way, stands a simple little night table, in the modified Sheraton style, with a turned pedestal base, and two drawers which are convenient for the miscellaneous small things you like to have at hand at night: pencils and paper, smelling salts, etc. This table is 28½" tall, and has a top which is 13½" x 16½". The drawers have attractive oval brass pulls. On the table stands a Colonial glass lamp with a base of black marble, and a parchment shade decorated with a flower print.

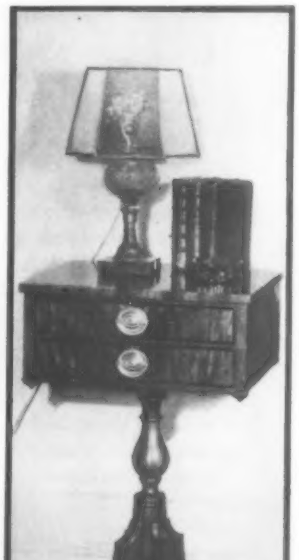
To the left of the bureau stands a deep, comfortable chaise longue, a piece of furniture which every woman craves for her bedroom nowadays, as she may relax here for forty winks, to "do" her hands, or to read the latest novel. This chaise longue is upholstered in figured chintz, and is provided with a long mattress box cushion with a plump boxed pillow for the back, both of down, and both welted with jade green. The chintz may match your draperies, and be in any color you may wish to carry out your own color scheme.

By the chaise stands a small drum table which is a popular type of small incidental table 24" tall, and 18" in diameter. The turned pedestal base is Sheraton type, like that of the night table, only the drum table is finished on each of its four legs with a brass paw tip. There is a 14" long drawer. This table is made of mahogany and the top has the grain so matched that it makes a beautiful pattern.

By the vanity table stands a boudoir chair which is 30" high, and 24" wide across the front. It is covered in a gold-colored chintz, and has a comfortable barrel-shaped back, done in channels. There is a box-pleated ruffle around the little chair, and the whole effect is inviting and informal. It will also serve as an admirable slipper chair.

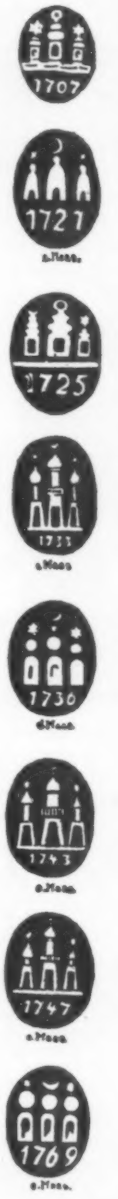
On either side of the dressing table hangs a silhouette, one of George Washington, and the other of Martha, his wife. They are framed in black and gold, which adds a crisp note of decoration to the room and emphasizes the Colonial note. The list of prices of the individual pieces used in furnishing this room follows:

Twin beds, at $19.75 each.	$39.50
Two box springs, at $12.75 each................	25.50
Two inner spring mattresses, felt tops, with paneled damask covers, in wide range of colors, at $12.75 each.......	25.50
Dresser................	45.00
Chiffonier.............	32.50
Vanity dressing table....	29.75
Vanity bench..........	9.75
Two side chairs, at $10.75 each................	21.50
Antique hooked rug......	25.00
Large oval hand-tufted rug..................	55.00
Small oval hand-tufted rug..................	29.75
Two pairs of glass curtains, at $4.95............	9.90
Two pairs of semi-glazed chintz draperies, 2½ yards long, at $5.95 each................	11.90
Chaise longue..........	79.50
Boudoir chair..........	25.00



On the little night table stands a Colonial glass lamp with a base of black marble, and a parchment shade decorated with a flower print

<< MARKS OF SILVER MAKERS >>



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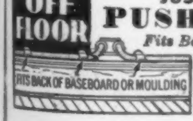
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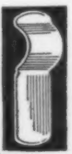

A budget bedroom

Two gold-colored taffeta spreads, at $9.75 each	19.50
Two French costume prints, at $3.50 each	7.00
Small drum table	27.50
Night table, American Sheraton	35.00
Two silhouettes, at $2.95 each	5.90
Two dressing table lamps, at $3.95 each	7.90
Two dressing table lamp shades, at $2.95 each	5.90
Bedside lamp	7.95
Shade for same	2.95
Adjustable mirror on chiffonier	11.75
	$596.40

Beauty at low cost

Continued from page 280

they wish to expend upon the building. This almost always spells failure; it is much better to take a smaller plan and work it up.

Of course the site is of the utmost importance and its proper selection may save the owner a very considerable amount. Grading and planting are very expensive items, and as proper grading and landscaping are as important as the design of the house itself, too much attention cannot be given to these matters. I have seen many well-designed houses which seemed quite commonplace in appearance because of the very poor landscape setting in which they were placed and, on the contrary, many rather poorly designed houses which appeared quite fine because of their very charming surroundings. Landscape designing is quite as important as the designing of the building.

Aspect of course adds greatly to the comfort of the home and if a southwestern exposure can be obtained and this is also towards the best view the conditions are ideal. Personally I like to design a house for a hillside site and, although this is sometimes difficult for a house of moderate cost, I very often find that what appeared to be a defect in the site because of the rolling nature of the ground in the end becomes its chief beauty. Of course the area of the plot must be greater for a hillside site than for one upon perfectly level ground.

Needless to say one should never design a tall building on top of a hill, but rather a long, low, rambling one that will appear to cling to the ground. The feudal idea of turrets and towers silhouetted against the sky upon the top of a barren peak has long since passed. The roof lines of a house set upon a hill are of the utmost importance. Soft flowing lines that sweep as low as possible to the ground are much to be desired on such sites.

Roof lines are, I think, one of the most important elements in good house design and if these are secured and the roof has a pleasing texture and color in tile, slate, or shingle the building is almost sure to be pleasing in appearance no matter how far the design may fall short in other respects.

When one thinks of roofs the question of chimneys immediately comes to mind and what ludicrous, anemic little chimneys we see on many of the small country houses to-day. We need to learn much from the English cottage and early American farmhouse about the proper designing of chimneys. Everywhere on the English countryside or in our own thirteen original states we will find sturdy, honest-to-goodness chimneys with square shoulders and how they do add a feeling of stability and well-being to the house. If you can have but one chimney on the house let it be a real one.

Then comes the question of gable ends. We are paying a great deal more attention to the angle of gables to-day and realize that they play a very important part in the general impression which the house gives to the beholder.

Motoring through Maryland and Virginia one sees many very simple buildings once used as slave quarters. These are very beautiful indeed and yet all they possess is a fine roof angle with a relatively huge chimney on the gable end, but these two elements alone are sufficient to create a pleasing appearance which at once attracts the eye trained to observe excellence in design.

One can hardly think of entrance doorways without recalling the doorways of Salem, Massachusetts, those fine old symmetrically designed buildings which are known the country over. The English also have a picturesque method of grouping an entrance doorway with a huge chimney and perhaps a gable over it which is quite as interesting and particularly adaptable to stone houses.

The question of what material to use in the construction of the house is one that I am constantly consulted about. It seems to me that this makes very little difference as houses can be designed equally well in any material as long as the nature of the material is borne in mind by the designer.

For frame houses I usually study the houses of New England where wood was generally used and where some of the best examples of Colonial architecture are still standing. Many are sadly in need of paint but, in spite of their dilapidated condition, still exhibit wonderful refinement in design.

In Pennsylvania, Delaware, and Maryland, the Early American people used stone almost exclusively for their houses and designing in these modes to-day insures one of obtaining successful houses if the old principles are followed.

In Virginia and Maryland we find the best examples of American brick buildings and here the aristocratic cavalier spirit is clearly expressed in such buildings as Westover, Shirley, Brandon, etc., and culminated I think in the monumental group, the University of Virginia at Charlottesville, Virginia.

England of course is responsible for the inspiration which created all these buildings and if we would go to the source in our search for the ideal architectural style for that dream castle to which we all revert at one time or another, I can assure you that we shall make no mistake provided we capture the spirit that produced the homes of England and Early America.

"Mary's new furniture's such an improvement."

"But, my dear, did you see the bathroom toilet?"

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PERHAPS you are above what other people say, but wouldn't it be a satisfaction to know that your bathroom toilet is thoroughly modern in its refinement?

If it has seen better days, why not replace it with a modern T/N? Unusually QUIET. Non-overflowing. And surprisingly low in cost. No unsightly wall tank . . . bowl and tank are combined in one beautiful fixture—in white or lovely color. Ideal for small bathrooms . . . fits in corners or under windows. Our suggestion, mail coupon now.

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The above three (an $8.00 value) sent with our new catalog for $5.

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Cheese—famous in song and story

Continued from page 276

year, beginning with grated cheese to top her cream soups, ranging through all the tempting *hors d'œuvres*, featuring the delicious dishes *au gratin* of which hungry men are so fond, serving her favorite epicurean brand with her salads, and ending her perfect dinners by having a cheese tray passed, with a choice of cheeses upon it. This may be safely offered at any meal where there are men, and the hostess may surely count on a warm appreciation of this unique course which will add a piquancy and interest to her entertaining. It is equally appropriate for a luncheon, a formal dinner, or a gay midnight supper.

The tray may be bought at any shop where silver is sold, and includes the stout oaken board which is the foundation, set in a frame of silver slightly raised on low feet. The board may be removed from the frame when it is to be washed, so it is easy to care for. There are also plain oak boards with a metal tray made to fit a more simple service, or modernistic oaken boards with chromium handles attached at either end. Eight or nine varieties of cheese should appear on a well-set up board, with the proper implements for serving them. These include a cheese knife, a scoop for Edam, or pineapple, and an implement which is like a tiny saw with a serrated metal blade mounted in a frame which permits the guest to cut a neat slice of Switzerland or any other hard cheese without difficulty.

A choice for a cheese tray might include a pineapple or Edam for the center, a section of Roquefort, of Bel Paese, of Old English, of Switzerland, of American Cheddar, or sage, of creamy Brie, Port du Salut and a package of Philadelphia cream as well as any other luscious brand which appeals to your taste. With this tray biscuits will be passed, some toasted, some salted, and some plain that each may have his choice. There are also delicate imported biscuits made for this service which will add to the distinction of your reputation as a hostess.

It is said that the habit of eating cheese for dessert, especially at luncheons, long a custom on the Continent and in England, is growing in favor among Americans, and is founded on good dietetic principles as well as on choice. A well-known doctor who is an authority on diet says that middle-aged people who give up rich desserts find that cheese constitutes the proper finish of a meal. He claims that this is natural as cheese is a fine digestive and permits a repast which is a satisfaction with no potential regrets concealed in it.

But if we are typical Americans, are not middle aged, and delight in a rich dessert what better finish to a meal could we have than a lucious slice of apple, mince, or pumpkin pie—served with cheese? Or, if a lighter food is preferred, why not serve biscuit with cream cheese and bar le duc preserve? A recent amusing advertisement quotes an epicure as saying of cheese, "You like it? That makes you one of us!" and there are thousands of devotees who will echo this sentiment.

A few cheese recipes may not be amiss:

FROZEN FRUIT SALAD WITH CHEESE

1 cupful shredded pineapple
4 tablespoonfuls powdered sugar
1 cake Philadelphia cream cheese
1 cupful fresh mayonnaise
1 cupful whipped cream
1 dozen maraschino cherries

Mix pineapple and sugar. Drain off liquid. Mash cheese and make smooth with mayonnaise, then fold in the whipped cream. Cut cherries in small pieces and add with pineapple to cream mixture. Freeze in a mould. Serve sliced on lettuce.

*WELSH RAREBIT

1 tablespoonful butter
1 teaspoonful cornstarch
½ cupful of thin cream
½ pound of soft, mild cheese, cut in small pieces
¼ teaspoonful of salt
¼ teaspoonful of mustard
Few grains of cayenne
Toast or wafer crackers

Melt the butter, add the cornstarch, and stir until well mixed, then add cream gradually, while stirring constantly, and cook two minutes. Add cheese, and stir until cheese is melted. Season, and serve on wafer crackers or bread toasted on one side, the rarebit being poured over the untoasted side. Much of the success

An assortment of cheese, attractively packed, would make an acceptable gift for a connoisseur. The collection shown includes twelve varieties, and many more could be added

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E. E. HEALEY, *Exclusive Grower*, **Puyallup, Washington**

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Sensational Novelty Dahlia

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Our 1932 Dahlia Book is now ready. It contains the Table of Ratings in a further improved form and offers the finest Dahlia varieties at reasonable prices. Don't fail to write for this unusual catalogue.

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HALLOWEEN the unusual in color effects, a roll of honor dahlia
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Write for illustrated catalogue describing the above introductions, and many other splendid tested varieties.

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Comprehensive assortment at $3 to $65 each. Write for quotations on quantity and colors desired.

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Sixty best varieties available from our collection of 180 kinds. Write for suggestions according to the space you may have available.

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Wonder Pink

The wonder of all who see it. This Dahlia is the largest seen here; is extra free-blooming; a good natural stemmer. It is a Formal Decorative of beautiful lilac with lighter center. Never was known to get small.

Roots $3.50 each; Plants $1.75.

Free list, 350 others, among them—

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Blue Grass Seed. Selected in the field for purity and cleaned with utmost care that your lawn may be free of weeds. Sow this seed—we really believe you will be delighted with results and never regret this move.
A limited quantity priced at: Five lbs. delivered $2.50. Ten lbs. delivered $4.75.

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KEITH'S MASTODON

Keith Bros. Nursery, Box 40, Sawyer, Mich.

Cheese—famous in song and story

of a rarebit depends upon the quality of the cheese. A rarebit should be smooth and of a creamy consistency, never stringy. If it shows a tendency to get stringy add one egg slightly beaten.

*BAKED RAREBIT

1 pound soft, mild cheese
2 tablespoonfuls butter
1¾ teaspoonfuls of salt
⅓ teaspoonful paprika
1½ cupfuls of milk
2½ cupfuls of stale bread crumbs
3 eggs

Cut cheese into thin slices. Sprinkle a layer of bread crumbs in a buttered baking dish, cover with one third of the cheese, sprinkle with one third of the salt and paprika mixed, and repeat twice, making three layers. Beat eggs slightly, add milk, and pour over the mixture. Bake in a moderate oven twenty-five minutes, and serve at once.

*RICE WITH CHEESE

Steam one cupful of rice, allowing one teaspoonful salt; cover bottom of buttered pudding dish with rice, dot over with three fourths tablespoonful butter, sprinkle with thin shavings of mild cheese and a few grains of cayenne; repeat until rice and one fourth of a pound of cheese are used. Add milk to one half the depth of the pudding dish, cover with buttered cracker crumbs, and bake until cheese melts.

*CHEESE FONDUE

1 cupful scalded milk
1 cupful soft stale bread crumbs
¼ pound mild cheese, cut in small pieces
1 tablespoonful butter
½ teaspoonful salt
Yolks of 3 eggs
Whites of 3 eggs

Mix first five ingredients, add the yolks of the eggs beaten until lemon-colored, then cut and fold in the whites of the eggs beaten until stiff. Pour into a buttered baking dish, and bake twenty minutes in a moderate oven.

CHEESE DREAMS

¼ pound of Herkimer County cheese
½ teaspoonful of butter
1 egg, beaten separately
Salt
⅛ teaspoonful of dry mustard
Paprika

Cut rounds of bread, and drop them in boiling, clarified butter for a moment, or into very hot oil. Lay them on paper to absorb any oil that remains on them. Grate the cheese. Mix it with the beaten yolk, the butter, salt, and mustard. Set it on the stove just long enough to soften well. Remove it from the fire, and fold in the beaten white. Pile the mixture in fairly thick mounds on the rounds of bread. Scatter paprika over the top, and toast under the broiler. Serve hot with the salad course.

OLD ENGLISH RAREBIT

To one half pound of Old English cheese, add one half cupful of tomato sauce. Heat over a slow fire until a thick, smooth mixture has been obtained. Then add one well-beaten egg, follow it with one half cupful of cream or rich milk. Stir in one teaspoonful of Worcestershire sauce and salt, pepper, and cayenne to give it the proper "kick."

GINGERBREAD WITH CREAM CHEESE

Any good gingerbread recipe may be made up. When the loaf has cooled and the edges trimmed, the cake should be split into two layers. These are put together again with cream cheese softened with a small amount of creamy milk. Spread the softened cheese over the top in the same manner as soft icing or whipped cream, and serve at once. Gingerbread may also be baked in individual cup cake tins, split, and filled and topped with cream cheese. These are excellent for luncheon. Applesauce with gingerbread and Switzerland cheese also makes a delicious luncheon dessert.

CRABMEAT WITH CHEESE SAUCE

2 cupfuls shredded crab meat
4 tablespoonfuls of butter
2 tablespoonfuls of flour
½ teaspoonful of salt
2 cupfuls of scalded thin cream
¼ cupful grated Parmesan cheese
¼ cupful of sieved Gruyere cheese
Few grains of cayenne

Heat the cream until it begins to simmer. Melt the butter and blend in the flour, and add the scalded cream gradually. Cook, stirring constantly, until the sauce boils, then remove from stove and beat in the two remaining tablespoonfuls of butter and the two kinds of cheese. Add salt, cayenne, and crabmeat; reheat on stove, but do not allow mixture to boil. This should be served on thin, crisp toast.

ASPARAGUS AND EGGS AU GRATIN

1 cupful of buttered crumbs
1 cupful of grated American cheese
1½ cupfuls of cream sauce
4 hard cooked eggs
2 cupfuls of cooked asparagus, cut in inch lengths
Salt and pepper

Sprinkle crumbs in the bottom of a casserole. Mix grated cheese with the well seasoned cream sauce. Place alternate layers of sliced hard-cooked eggs, asparagus and sauce in the dish, sprinkling salt and pepper on each layer and covering the top with crumbs. Bake twenty minutes in a moderate oven.

TOMATO AND CHEESE SANDWICH SALAD (*See illustration on page 275*)

Peel a firm tomato and cut it into three crosswise slices. Put the slices together again with a generous filling of Philadelphia cream cheese slightly softened with milk. Place the tomato on crisp lettuce, garnish with parsley and serve with French dressing.

BROILED OPEN SANDWICH

Toast a slice of bread on one side; spread the untoasted side with mayonnaise, cover with a thick slice of tomato, then with a slice of American cheese, or Old English cheese. Place two strips of partially broiled bacon on the cheese and toast the sandwich under the broiler flame until the cheese is melted. Serve immediately.

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Easier home financing

Continued from page 274

per cent occurs, unless the home owner's original equity is sufficient to cover it, he must suffer along with the lending agency which permitted him to secure unsound credit.

This, by the way, is another reason for building now. Financing carried out now will be at rock bottom, deflation levels. One need have no fear of a further decrease in his equity.

The feature of traditional financing which has come in for the severest criticism in these troubled times is the second, or junior, mortgage. First mortgages up to sixty per cent of the value of the house and lot do not require excessive charges, unless you think, as some do, that interest charges should be four per cent instead of six per cent. But second mortgage rates may amount to twenty or twenty-five per cent. The average is probably about eighteen per cent.

President Hoover had these in mind when he uttered the following telling arraignment of this type of financing: The great problem before the Conference, he said, was "how we can make a home available for installment purchase on terms that dignify the name of credit and not upon terms and risks comparable to the credit extended by a pawnbroker."

To avoid the heavy charges of second mortgage financing, the finance committee "recommends to all home buyers the advantages of long term amortized loans and, where there is a second mortgage, that the principal installment be deferred to the end of the second or third year." The committee also recommends that "if it is necessary for the home owner to arrange for a second mortgage it should be of sufficient duration to enable him to pay off this indebtedness before expiration and thereby eliminate the need of a renewal."

CREDIT FOR SMALL HOME FINANCING

Building and loan, or savings and loan, societies have always lent money on an amortization basis and this is the type of credit the Conference favored for small home financing. Building and loan societies will lend for terms of seven to fifteen years up to at least sixty per cent of the value of the house and lot. Such a mortgage must be amortized (reduced) by regular payments, usually monthly. The average term is actually twelve years and the average rate is six per cent. The monthly payments reduce the principal as well as pay the interest charges on the mortgage.

There are some new financing agencies in the field of the building and loan societies which offer similar terms. These new institutions are constantly increasing in popularity, and it is probable that their success will induce other agencies to compete with them—and intensive competition means nothing but easier money for the small home owner.

The National Homes Finance Corporation which is affiliated with the Associated Leaders of Lumber and Fuel Dealers of America is one of the first attempts of the building industry to get home financing, which is its life blood, under its own control. National Homes will make its credit facilities available to the public through lumber dealers who have bought stock in the corporation. They will finance up to seventy-five per cent of the value of the house and lot which is built for owner occupancy. The mortgages, carrying six per cent interest, will run for fifteen years and the monthly payments are $8.44 per thousand financed. National Homes will also furnish blue prints and specifications at a charge of $20 to $40 depending on the size of the house and they are primarily interested in houses ranging in price from $2,800 to $25,000. They prefer, however, to work in coöperation with local architects and will finance any houses, such as those published in THE AMERICAN HOME, of which the plans and specifications are found satisfactory.

ADDITIONAL FINANCING AGENCIES

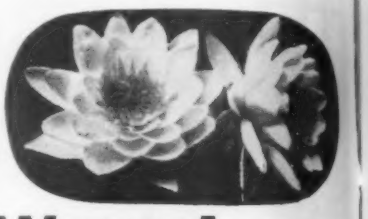
Similar financing opportunities are offered by Montgomery Ward & Co., and Sears, Roebuck and Co. These great mail order houses will finance up to seventy-five per cent and allow fifteen years to pay. They also offer blue prints and specifications, or will build from submitted designs. No limit is put on the size of the house to be built, and the monthly payments run at the rate of $8.44 per $1,000 financed. Materials are generally furnished by the mail order house, but a certain amount of choice from nationally known materials and equipment is permitted. They offer other financing plans, for shorter terms, or for cash or in collaboration with local financing institutions.

The mail order houses and similar institutions will also finance modernizing operations. One such plan provides for eighteen months to pay on jobs costing from $50 to $500 and terms up to five years on larger jobs.

Several large manufacturers of building supplies such as Johns-Manville, Tilo Roofing Co., and the American Radiator and Standard Sanitary Corporation offer financing plans, for modernizing work involving the use of their own materials or equipment, that have met with ready acceptance by builders and by the public generally.

These manufacturers ask only a ten per cent down payment and, depending on the size of the job, allow up to two years to pay off the rest. Millions of dollars in remodeling or reconditioning work are now being financed in this way.

These are some of the more prominent and better known new developments in the home financing field. We do not expect them to supplant the traditional methods, but we welcome their advent because we believe they will hasten the arrival of that day, which is surely coming, when "mortgages will never come due." Foreclosures will be done away with. Sound appraisals will insure sound financing. Lending agencies will extend further credit to creditors in distress. The President's Conference began the good work; the President's home loan discount banks, if approved by Congress, may help to carry it on.



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What you ought to know about house plants

I. GEORGE QUINT

IMPORTANT points to remember in keeping plants indoors are:

1—Why do plants shed their leaves and flower buds wither before they open?

Ninety per cent of house plant failures may be attributed directly to dry air. Whereas house plants require a humidity of about 75 per cent the average living room shows a humidity of about 25 per cent. To overcome this handicap, place pans of water over radiators, syringe foliage on sunny days, keep plants out of severe drafts and use metal-covered trays with moist gravel or sand.

2—What temperature is best for plants indoors?

An average temperate of about 68 degrees during the day and about 58 degrees during the night is desirable. If there is to be any variation from these temperatures, a slightly cooler room is much better than a slightly warmer room.

3—Should house plants be kept in the sunlight or away from it?

Foliage plants do better in east or west windows where the light is not quite so intense as in south exposure. Flowering plants are best placed in windows with more direct sunlight. Ferns and Palms, however, will thrive even in windows with northern exposure.

4—How often should plants be watered?

Inasmuch as conditions vary for different plants no hard and fast rule may be laid down. It should be remembered, though, that one of the greatest enemies of plant success is too much watering. It is generally conceded that if the surface soil becomes dry the plant should be given a drink, in sufficient quantity to enable all the soil to be moistened. Remove excess water, and by no means allow water to stand in jardinières, for more plants die of wet feet than from any other cause. Be certain that the plants have good drainage, and do not permit soil to become too dry. Rapidly growing plants need more water than those which grow more slowly. If the room is kept humid, it will be safe to water most plants twice a week.

5—What kind of soil do house plants need?

A reasonably good garden soil, enriched by a little well-rotted manure is adequate for most plants. Plants with large leaves and heavy roots like heavy soil, Plants with juicy leaves prefer sandier soil. When plants are growing a slight application of bone meal will serve as an appetizer.

6—Should pots be changed often?

No. Pots should be as small as possible. Large pots hold too much water and the roots do not get air enough. In shifting, as plants become larger, shift to the next size. Don't skip from a four-inch pot to an eight-inch, or from a six-inch to a ten-inch pot.

7—What are some of the common insect and disease symptoms, and how can they be avoided?

a. Surface spots on leaves—sign of fungous attack. Spray with potassium sulphide.
b. Grayish leaves—sign of red spider. Spray thoroughly with cold water.
c. Scales. Wash with soapy water or nicotine solution.
d. White, cottony masses—mealy bug. Wash with soapy water or nicotine solution.
e. White fly. Spray with nicotine.
f. Worms or caterpillars. Pick them off or spray with arsenate of lead.

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In *and* About *the* Garden

Leonard Barron

JUST as surely as the increasing size of the Large-flowered Dahlia is largely the reason for the continued sustained interest in that flower, so equally on the other hand lamentations are by no means unheard, especially among the people who grow flowers purely for their everyday utility and decorative values. Wherever a demand is felt, however, the answer is usually forthcoming, and so a few thoughts to-day about "Miniature" Dahlias, that is, Dahlias that have all the characteristic detail and form of the larger types and reproduce them in the daintiness of small scale; and which, by the way, are not to be confused with the Pompons—small flowers on tall plants. Perhaps on the Pacific Coast, more than other parts of the country, the Miniatures have gained a sure footing. An increasing acquaintance with them will undoubtedly widen the popularity of the Dahlia as a utility flower for the everyday garden.

Small-flowered Dahlias are not by any means new, but they have received very little attention from fanciers. Mrs. Stout, of New Jersey; Mr. George L. Farnum, of Pennsylvania; Mr. Redfern, of California, have succeeded in their respective communities by force of example in focusing attention on these small-flowered dainties, however; and equally a few others elsewhere.

The best known and perhaps the first to be introduced into America on any large scale is what we know as Little Jewel which first appeared in Holland ten years ago under the name of Juweeltje. Then there are the Coltness Seedlings, plants of low stature, with proportionate single flowers, apparently developed from an earlier type which was introduced to the English trade somewhere about 1890, largely the product of the well-known amateur Mr. T. W. Girdlestone, then secretary of the National Dahlia Society. That strain of twelve- to fifteen-inch high plants was introduced to American gardens about the same time through Peter Henderson & Co. But little progress was made in popularizing the little things until the last year or two, perhaps through the larger participation of garden club members in exhibiting floral arrangements for which the giant flower is somewhat unwieldy. The Miniature Dahlias first known as Tom Thumb, then as Mignon, show a tendency to reproduce the different large flower classifications. So we have Miniature Cactus and Miniature Anemone, Miniature Decorative, etc. At all events, the Miniature Dahlia is winning its place in popular esteem on the merit of sheer utility, and that is saying a lot.

Already a varied selection is offered. For example, the previously mentioned Little Jewel, shell pink, Informal Decorative; Agalia, fawn shaded with salmon and orange, Formal Decorative; Bishop of Landaff, dark cardinal red, Mignon; Coronne, pure white, Formal Decorative; Coltness Gem, clear brilliant red, Mignon; Mac, clear yellow suffused with copper and salmon, Mignon; Mrs. Scrimegour, deep orange, Semi-cactus; Nestlaken, flesh pink, Straight Cactus; Pink Pearl, variously Peony and Duplex.

THE practical home gardener will not be making any mistake in trying some such assortment in this year's planting to supply welcome color for the table centerpiece problem late in the season, when there is a dearth of really decorative flowers for cutting.

The Miniature Peony-flowered or Charm Dahlia is really a more "finished" flower than its larger counterpart, and is sometimes called in America the Star strain. What has been exhibited in this country as the Orchid type flower—really a Miniature Single Cactus is called Star in Europe. Just where the miniatures first cropped out is a question. Mr. Farnum thinks they may be developments from the Pompon because in the last seven years in raising hundreds of Pompon seedlings a few Miniature Decoratives appear annually. Evidently the dwarfs must be kept isolated if there are to be more dwarfs.

Here is a suggestion for a highly informal basket arrangement of Miniature Dahlias of the English Charm type. Showy colors with well-defined golden center (Courtesy of Curtis Redfern)

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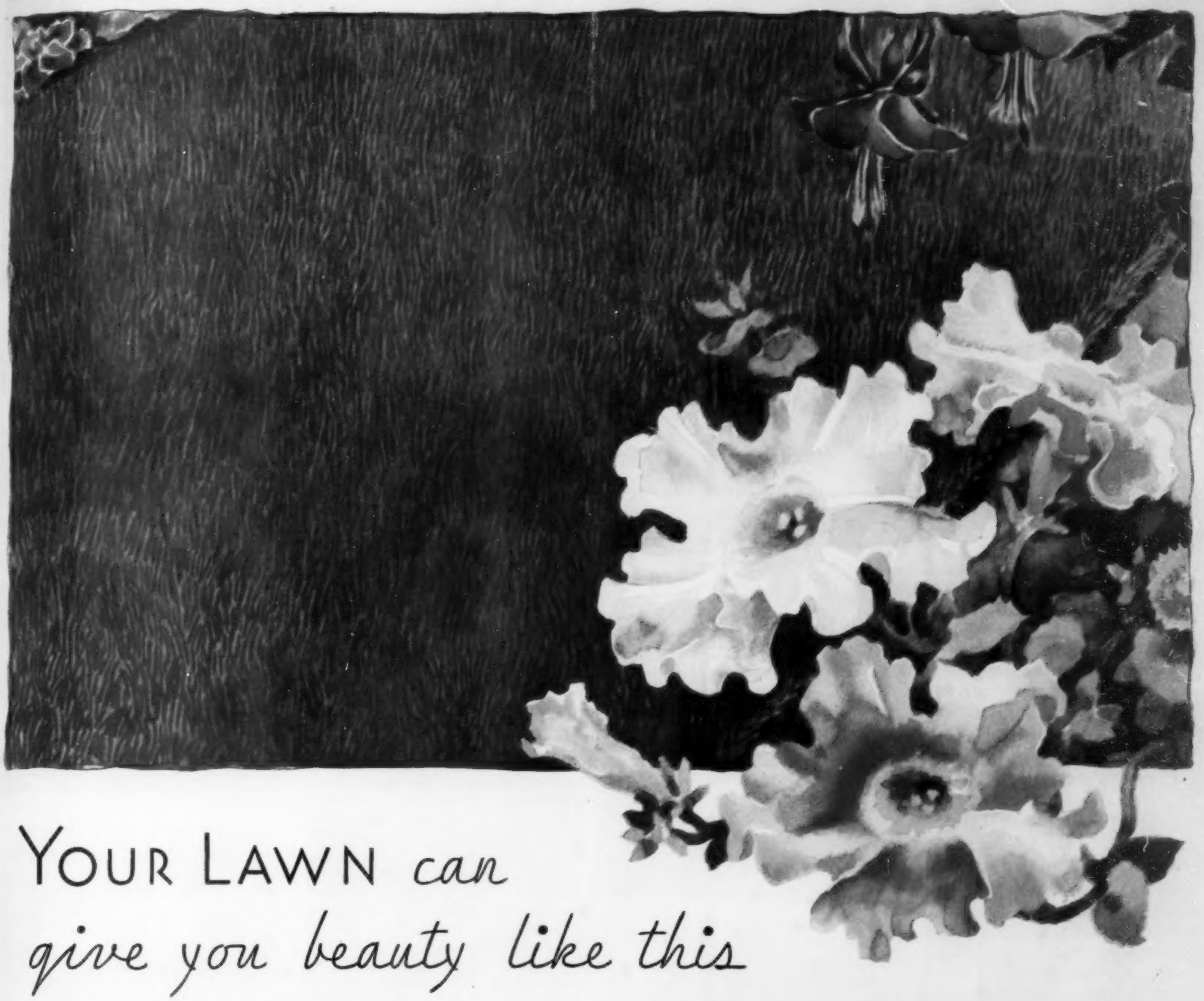

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Garden reminders

North

This is an excellent month to send orders to the seed house for seeds of annuals and perennials. Also, get off orders for dormant Roses. . . . Consult landscape architect about your spring landscaping. . . . Seeds of the following may be sown indoors: Dianthus, Cosmos, all perennials, Beans, Carrots, Cucumbers, Lettuce, Pepper, Tomato, Cabbage, Celery, Parsley, Radish, Eggplant. Don't let seeds dry out after sowing. . . . Give some water to evergreens in window boxes, even in freezing temperatures. . . . Inspect Dahlia bulbs in cellar. Don't let them get too dry. Also look at Gladiolus bulbs. . . . Do needed pruning of shrubs, fruit trees, shade trees, and grape vines. . . . Make careful plan of vegetable garden, jotting down planting date for every crop. . . . Give lawn a feeding dressing. . . . Have manure ready for hotbed about the middle of the month. The 15th of February is a good time to prepare the hotbed. . . . Finish winter spraying this month. . . . Prepare labels. . . . Determine what fertilizers you will need during the spring and summer, and lay in a supply. . . . Keep foliage of house plants clean. Spare no water in keeping leaves free from dirt and dust. . . . Protect fruit trees from mice. . . . Bring some Forsythia branches indoors, to be put into water for indoor blooming. . . . Will you need any new garden furniture this spring? Order it now. Build trellises where needed. . . . House plants should be turned twice a month so that uniform growth may be obtained. Give all sides of the plants some sunlight.

South

Miscellaneous—Prune evergreens, and if it is desired to transplant them, move with a ball of earth. . . . Plant all kinds of shade trees and nut trees. . . . Prune fruit trees and Grape vines if still dormant. . . . Spray the whole garden, and especially the fruit trees (with oil emulsion for scale, Bordeaux mixture for fungus diseases, arsenate of lead for chewing insects), about the middle of the month. Dust Roses with flowers of sulphur for mildew. . . . Trim up shade trees, removing lower limbs, forcing them to grow tall and shade the house and street, yet let sunlight through to beds below. . . . Trim Althea, Crepemyrtle, Oleander, and other summer blooming shrubs; but do not trim spring bloomers like Spirea, Deutzia, Syringa, until they have bloomed. . . . Burn dead vines and infected leaves to prevent spread of disease and insects. . . . Do not cut away dead foliage of tender plants, such as Bananas and Plumbago, until danger of a freeze is past. . . . Mulch Strawberries with clean straw or dry pine needles. . . . Spade up beds for flowers and vegetables, working the mulch into the soil, and adding fertilizer. Let stand a few days, then break up clods, add sand if soil is stiff.

The Flower Garden—Transplant Roses and other shrubs, if still dormant. . . . Make cuttings of Roses, Althea, Buddleia, Crepemyrtle, Duranta, Box, Gregg's Salvia, and other shrubs. . . . Test the soil; if acid, use lime in beds for Roses, Gladiolus, Tuberoses, and most annuals. If alkaline use peat moss or aluminum sulphate in beds for Azaleas, Lilies, Callas, Ferns, and most native plants from the woods or swamps. . . . Plant bulbs of Freesia, Gladiolus, Tuberose, Calla, Anemone, Ranunculus, Oxalis, Spanish Iris, Ismene, Hemerocallis, Montbretia, Amaryllis, Crinum, Easter Lilies, Regal Lily, Japan Lily, Zephryanthes. . . . Lay Dahlia tubers in hotbed for propagating. . . . Set out now English Daisies, Pansies, Carnations, Calendula, Campanula, Columbine, Hollyhock, Anchusa, Ageratum, Stock, Wallflower, Candytuft, Sweet Alyssum, Centaurea, Delphinium, Lobelia, Phlox, Verbena, and other early annuals, biennials, and perennials. . . . Plant seeds of Snapdragon, Cosmos, Coreopsis, Sunflower, Marigold, Chinese and Japanese Pinks, Salvia, Vinca, Nasturtium, Cobaea, Aristolochia, Coral-vine, and any fall-blooming annuals. . . . Sow in coldframe seeds of Impatiens, Torenia, Gomphrena, Browallia, Petunia, Zinnia and other tender annuals.

The Vegetable Garden—Sow all winter vegetables, after preparing the ground by thorough spading, fertilizing, hoeing, and raking. . . . Seeds of Carrots, Cabbage, Early Cauliflower, Beets, Spinach, Mustard, Parsnips, Turnips, Leeks, Swiss Chard, Radishes, Kohlrabi, and Lettuce may be sown. . . . Transplant Cauliflower, Cabbage, Lettuce, Kohlrabi. . . . Divide Shallots and set out again. Set out Onions and Chives. . . . Plant all varieties of Peas. . . . Sow Roquette, Chervil, Sorrel, Parsley, Cress, and Celery for seasoning. . . . Plant Sweet and Medicinal herbs. . . . Plant Artichoke, Rhubarb, and Asparagus, seed or roots. Set out Horseradish roots. . . . Under glass, plant Cucumbers, Squash, and Melons. . . . Toward the end of the month, early Corn may be planted.

The West Coast

Prune the Ivy before new shoots appear. Continue planting shrubs, Sweet-peas, and also Gladiolus for succession. . . . Make cuttings of Heliotrope, Petunia, Fuchsia, Weigela, and Lilac. Sow seeds of Salpiglossis, Aster, Zinnia, Phlox drummondi, Hollyhock, Foxglove, Columbine, Shasta Daisy, Geum, Gaillardia, Larkspur, Pansy, and Japanese Anemone. . . . Divide clumps of Francoa ramosa, or sow the seeds. Plant summer blooming bulbs: Montbretias, Tigridias etc. Divide and replant Violets, removing runners for new plants. . . . Protect Cinerarias in frost regions. Divide Doronicums for late blooming. . . . Divide the Tuberous Begonias, and after they are dry, start in protected boxes. . . . Cannas may be started now, planting in rich soil. . . . Stake and tie up the perennials.

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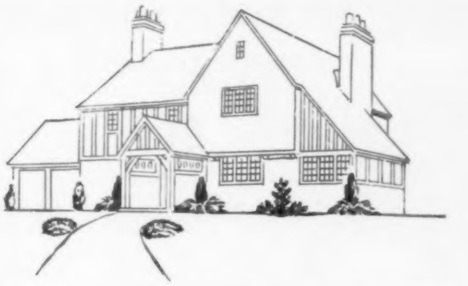


The English type home, with the stucco walls extending to the ground, often may be effectively treated by group plantings only, at the porch and at the corners. If the house be large, another group midway between porch and house corner may be used to destroy the monotony of too large an expanse of bare wall

Foundation planting

Continued from page 286

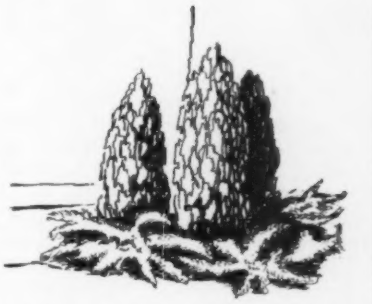
Key to Planting Plan (*Continued*)

EVERGREENS

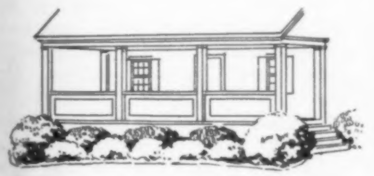
Accent plants (A and B on plan), to be planted 4′ apart. American Arborvitae, Pyramidal Arborvitae, Siberian Arborvitae, Redcedar, Irish or Swedish Juniper.

Dwarf edging plants (E and F on plan), plant 3′ apart. Dwarf Japan Yew, Dwarf Mugho Pine, Globe Arborvitae, Savin Juniper, Tamarix Savin (Juniperus tamariscaefolia), Tom Thumb Arborvitae.

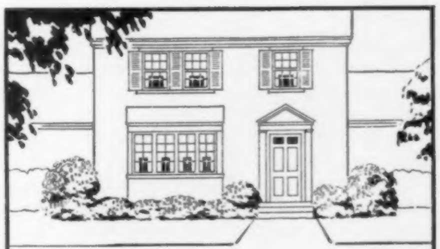
For mass planting between entrance and corner plantings (C and D on plan), plant 2½′ to 3′ apart. Upright Japan Yew, Hovey Arborvitae, Pfitzer Juniper (can also be used for dwarf edging plant), Globe Arborvitae, Compact Arborvitae, Siberian Arborvitae.



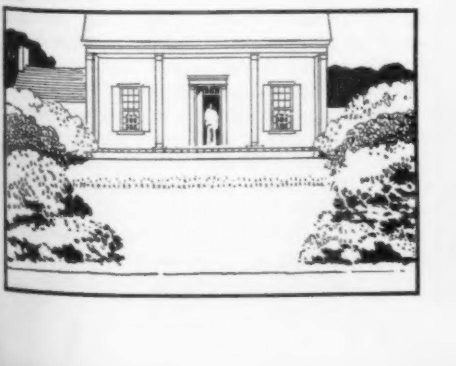
Enlarged corner plantings will give heavier accent, particularly with evergreens. Use three accent plants—one 3′ to 5′ Arborvitae at the rear, and two 2′ to 3′ Arborvitaes flanking it. Establish the bed outline by using three or four Pfitzer or Savin Junipers to form a graceful outline and round out mass effect to the whole clump



(Left) The house with the large front porch requires a mass planting with the larger accent plants at the porch corners, slightly lower shrubs between them, faced on the outside edge with dwarf kinds



A home tall in proportion to its width. Do not cover the side wall lines with the accent shrubs. Rather extend the planting out two or three feet on each side and place the large accent shrub or evergreen away from the house, allowing the house line to extend down very nearly to the ground. This decreases the appearance of height



Should your home appear too tall and be placed on a slight elevation, correct proportions and a pleasing effect may be created by a large mass planting at the house corners only, and an extensive border planting extending very nearly to the front lot lines

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Viola Arkwright Ruby—ruby-crimson with lovely terra-cotta shadings. Flowers as large as those of a good size Pansy. Perfectly hardy, **Pkt. 75c**

Viola Cornuta Little Gem—The popular Jersey Gem in miniature form. Ideal for the rock garden or border. Deep violet-blue darker than Jersey Gem. **Pkt. 60c**

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Heliophila Leptophylla—deep blue flowers loosely and delicately arranged along slender stem. Blooms in 2½ months from seed and continues till frost. **Pkt. 75c**

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Roses for any kind of garden purpose

Continued from page 283

Sun is needful for the happy existence of all Roses. A light shade such as is produced by a low board fence to protect the plants from burning afternoon suns; or the similar shade from buildings or trees far enough away to allow free circulation of air and no encroachment from tree roots, sometimes adds to the beauty of the blooms by preserving the color and form for a longer period.

There are Roses admirably adapted for use in the shrubbery border. Allowing always for each plant the space needful for its natural development, Roses like Mary Wallace and Conrad F. Meyer in pink; F. J. Grootendorst in red; Hugonis in yellow; and Frau Karl Druschki in white will bring shrub-like effects with additional value in fine blooms for decorative work indoors. These are also suitable in hedge-work, where regularity of growth is undesirable. Shrub Roses should be allowed a circular space with a diameter of five or six feet for normal development.

The Climbing forms are needful for covering summer-houses or arbors or bowers, pergolas, etc. Allow six feet of space between the plants for best effect, unless using the lower growing Pillar types which can be planted four feet apart (these usually being the Climbing Hybrid Teas). Zepherine Drouhin, a vivid pink, is almost thornless and therefor recommended for summer-houses and bowers. There are numerous colors available in hardy Climbing Roses, of diversified form and arrangement of the blooms, comprising the types Hybrid Wichuraiana and Hybrid Multiflora.

Silver Moon (white); Dr. W. Van Fleet (pink); Mme. Gregoire Staechlin (light pink); Excelsa (red); Ile de France (vivid pink with white center); Jacotte (orange); Dr. Huey (maroon); and Alida Lovett (shell pink) are vividly fine examples among a large host.

If there is a rough spot in your garden, apparently unsuited to floral adornment, it can be beautified by the use of such wild forms (species) as wichuraiana, a fine white trailer; setigera, pink Prairie Rose, trailing or climbing; xanthina, a double yellow, bush type; and nitida, a deep pink dwarf bush type. There are types suitable for dry slopes and barren places, for hedges, bank covers, and roadside planting, and for covering fences, walls, and pergolas. There is one even that may be used in shady woodlands (Rosa gymnocarpa), and several suitable for boggy, wet low places which *will not* grow any other Rose, namely those of our swamps—palustris and nitida. Six feet apart is the distance for the more vigorous types, and from one to two feet for the low growing bush sorts.

The Bush Roses, the Hybrid Teas generally with a few Polyanthas added, will go to make up the groups of varieties in open sunny spaces. Plant these in broad masses of each variety for gorgeous effects. See that the bushes are set six to eight inches apart, so that the stems of each plant cross one another thereby heightening the effect of mass and doing away with the usual straggling appearance of individual bushes where planted two or more feet apart.

Satisfactory kinds as to color and the other requisites for real garden Roses are Abol (white); Charles P. Kilham (red-orange); Radiance (rich pink); Red Radiance (light red); Mrs. Erskine Pembroke Thom (canary yellow); Lady Ursula (blush pink); Rev. F. Page Roberts (deep yellow stained with red); Wilhelm Kordes (luminous salmon pink); Talisman (buff yellow and rosy red blended); Betty Uprichard (brilliant orange carmine and light salmon); Bloomfield Progress (dark scarlet); Etoile de Hollande (dark red); Imperial Potentate (dark shining rose); Mrs. Henry Bowles (clear bright pink); Padre (copper scarlet with yellow base); Mevrouw G. A. Van Rossem (variable, red, gold, and lemon so blended as always to be beautiful in tone); Konigin Luise (creamy white); Lady Margaret Stewart (sunny yellow); and the Polyanthas Gruss an Aachen (orange red and yellow to salmon); Lafayette (light crimson) and Eblouissant (dark red) with other colors well represented for most any color effect that may be desired.

The Polyanthas are fine for bordering driveways and are unexcelled for continuity of bloom. Plant them in groups the same as for other bush Roses, or plant them in two or three staggered rows, each plant twelve inches away from its neighbor. They are useful for edgings to other beds and may be had in heights ranging from less than twelve inches to three and four feet. Only a comparatively few of the varieties now available are suitable for cut flowers, these being the type known as Tea-Polyanthas, such as Tip Top, Gruss an Aachen, and Cecile Brunner.

I have said nothing of the Teas and the Noisettes (Climbing Teas in a rough way of speaking) and very little of the Climbing Hybrid Teas, for all of these are happily at home only in the more temperate regions. Most of them are splendid here in the District of Columbia and southward, and on the Pacific Coast.

Dependable Roses for cutting are to be had in the preceding groups except as noted. Likewise fine cutting Roses noted for their intense fragrance are to be had from a few plants of the noteworthy June flowering, so-called Hybrid Perpetuals, some of which do bloom again in the fall. These and some of the old-fashioned Moss, China, Bengal, Gallica, and Bourbon Roses are fine in the "old-fashioned" garden. You can plant such a garden with General Jacqueminot (scarlet); Arrillaga (deep silvery pink); George Arends (pure pink); Gloire de Chedane-Guinoisseau (dark velvety crimson); Mme. Hardy (white tinted with pink); Centifolia (rosy pink); Blanche Moreau (pink moss); and Burbank (pink), and a numerous selection of others with some having striped blossoms, and all with the rich perfume which makes many of them so valuable to perfume manufacturers.

Pillar Roses should be arranged for in the rose garden as sentinels. Paul's Scarlet Climber is most useful for this purpose, a mass of bloom in spring, with sometimes a show in the fall, fine for cutting, and hardy.

Embowered beauty with vines

Continued from page 284

is warm and quick-growing. It climbs only by twisting its leaf-stalks around small objects. It also prefers a cool root-run and will glorify the difficult northern exposure though an eastern wall is better.

Climbing Roses are a theme in themselves. Generally speaking only those with clean foliage should be used against house-wall or pillar—American Pillar, Emily Gray, Dr. W. Van Fleet, Paul's Scarlet, and Mermaid. All require rich soil. Those named above require fall pruning only, when the old brown canes are cut out completely and all current season's growth tied in. Climbing Mme. Caroline Testout and Climbing Mme. Edouard Herriot have the summer's growth trimmed back the following early spring and old canes over three years old cut out or cut back to a strong new growth.

Similarly the Clematis is a fairly large family of diverse growth and needs. Most of the Large-flowered kinds in general use, of which the handsome Jackmanni is best known, require all growth cut down to the ground in early spring. The flowers will then clothe the plant all the way up instead of only at the top. The small flowered kinds, including the medium-sized lovely montana, need only the oldest growths thinned out. Honeysuckle should have the long growths tied up in late summer and pruned only as appearance requires. Its fragrance and hardihood has made it an old favorite but its hospitality to aphis is often a drawback, unless where it can be sprayed with a nicotine or oil preparation.

The pergola never has been taken to our hearts. Its length and shape suggest passage and not rest. But the old-fashioned bower or arbor is a quiet retreat that invited leisure. It can be of any construction but the precaution that is often overlooked is to make sure that the vines are planted in good soil around it in order to make rapid growth and convert the structure into a living tent. Any vine that makes vigorous growth can be used, such as Clematis paniculata, the Moonvine or the even denser Dutchman's Pipe. The common Hop is exceedingly attractive with its deeply cut leaves and plumes of yellow green.

Flowering plants for the shaded nook

Continued from page 285

garden purpose the Gingers are foliage plants. The Inside-out-flower (Vancouveria hexandra), a Western plant with airy sprays of dainty six-sided leaves and curious reflexed flowers, is also being used increasingly.

In addition there are the native Trilliums, the May-apple, several Phlox, a number of Anemones, the Jack-in-the-Pulpit, the Bloodroot from the East, the Hepaticas or Liverroots, the Dogtooth Violets or Lamb-tongues, in a variety of colors and a host of species related to the Solomon Seals, False Solomon's Seals and Fairy bells.

All these plants can be used to good advantage with Ferns. Among our common native Ferns, the Sword-fern and Maiden hair will stand an unusual amount of shade.

In addition to Western species, there are many available from the Eastern states, including the noble Interrupted Fern, the Ostrich Fern, and the Royal Fern.

A very effective shade planting can be developed by using Ferns, Astilbes, and Japanese Primulas, and some of the smaller native things in combination. The Ostrich Fern, or the Giant Chain Fern (Woodwardia) planted alternately with pink Astilbe, make a good background combination, particularly against a building; in front of these use either Maidenhair or Lady Ferns and Japanese Primulas in red and white. For the foreground either the tiny Spleenworts or Lady Ferns together with such plants as Synthiris, Erythronium, Hepatica, Bloodroot, the Twin-flower, or Creeping Dogwood, can be worked into charming combinations.

Where only ground cover is desired, English Ivy is often used, soon forming a tight shingled mass of leaves. Japanese Spurge is tough, hardy, and indestructible. It is able to grow and thrive under the shade of dense conifers and when once established, nothing ever seems to bother it in the least.

Just try some of these plants or combination of them on that hitherto "impossible" place. With the necessary soil preparation and adequate watering to start the plants a corner of new interest will develop easily.

The curious trailing Twin-flower with Wild Ginger and Native Violets in a shady nook

HENDERSON'S

Special Free OFFER

1932 SEED CATALOGUE AND 25c REBATE SLIP

Mail the coupon and we will send you free of charge "Everything for the Garden," Henderson's new seed catalogue, together with the new Henderson 25-cent rebate slip.

"Everything for the Garden" is the title of our 1932 catalogue. It is a beautifully illustrated book with 32 full-color plates and hundreds of illustrations direct from actual photographs of the results of Henderson's seeds. It offers many special collections of vegetable seeds arranged so as to give a continuous supply of fresh, crisp vegetables throughout the summer, and collections of flower seeds especially arranged for harmony of color and continuity of bloom.

It is a complete garden book and should be in the hands of every lover of the garden beautiful or bountiful. Clip the coupon now!

The Henderson Rebate Slip, which will be sent with every catalogue where the coupon in this advertisement is sent us, will be accepted by us as 25 cents cash payment on any order of two dollars or over. In addition, we will also include with your order from our catalogue amounting to two dollars or over, our Henderson Specialty collection of six packets of Flower seeds.

These six packets are all seeds of our own introduction and are among our most famous specialties—Large Early Flowering Cosmos (mixed), New Giant Zinnias (mixed), Giant Single Flowering Petunias (mixed), Invincible Asters, Brilliant Mixture Poppies and Giant Waved Spencer Sweet Peas. These, like all Henderson's Seeds, are tested seeds.

For eighty-five years, HENDERSON'S TESTED SEEDS have been the standard. Year after year, our constantly improving methods have enabled us to maintain our supremacy among American seed houses. The initial cost of your seeds is the smallest item in your garden's expense, and it is of advantage to plant seeds of recognized quality from a house of reputation and standing.

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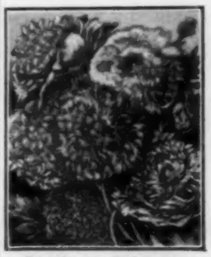
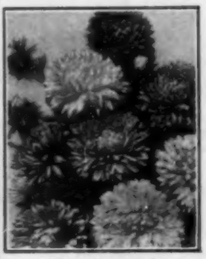
Giant Waved Spencer Sweet Peas



Brilliant Mixture Poppies



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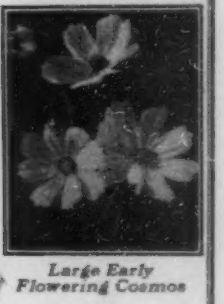
Giant Single Flowering Petunias

New Giant Zinnias



Large Early Flowering Cosmos

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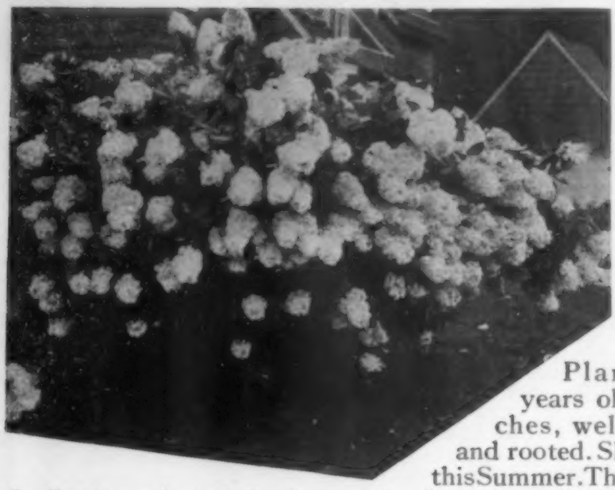

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Harris
Seeds

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Freedom from manure heat source for the hotbed will please the home gardener. Electricity used here

An electric hotbed

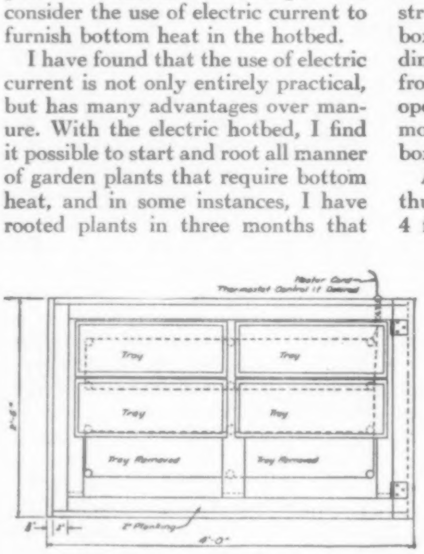
LOLA L. BRIDSTON

THE garden enthusiast wishing to root her house plants, or desiring to grow from seed rare plant specimens difficult or expensive to procure in mature form, might well consider the use of electric current to furnish bottom heat in the hotbed.

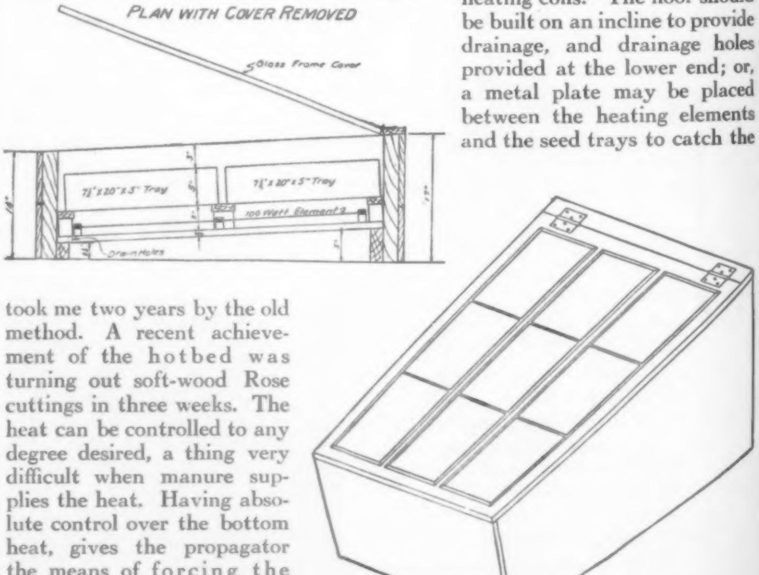
I have found that the use of electric current is not only entirely practical, but has many advantages over manure. With the electric hotbed, I find it possible to start and root all manner of garden plants that require bottom heat, and in some instances, I have rooted plants in three months that took me two years by the old method. A recent achievement of the hotbed was turning out soft-wood Rose cuttings in three weeks. The heat can be controlled to any degree desired, a thing very difficult when manure supplies the heat. Having absolute control over the bottom heat, gives the propagator the means of forcing the root growth just when the cuttings require warmth.

These electrically heated frames are so simple that anyone can make them as they are merely electric coils which furnish the bottom heat instead of using manure. They may be constructed in any size from the window box, 8 by 18 inches, to many feet in dimension. The small box, heated from the lamp outlet, may be operated at a cost of a few cents per month, and the cost of the larger box is relatively low.

As an outlet for my garden enthusiasm, I have found the 2½ by 4 foot box the most practical. The heat is supplied from the outlet on an electric range, and the cost of heating this frame is about $1.00 per month. The accompanying sketches give all the necessary construction details. The frame itself is no different from the usual frame, except that a wooden floor is constructed a few inches from the bottom of the frame, to which is attached the insulators to accommodate the 150-watt heating coils. The floor should be built on an incline to provide drainage, and drainage holes provided at the lower end; or, a metal plate may be placed between the heating elements and the seed trays to catch the



PLAN WITH COVER REMOVED



An electric hotbed

surplus water incidental to watering the plants. However, this precaution is not an absolute necessity, for the coils are never hot enough to be damaged by the dripping water.

The plant trays rest on a frame, and are removable.

There may be a slight advantage, at times, in having thermostatic control of the heat, but this is not essential. However, I have been using successfully a cheap thermostat for this purpose, and this assures me of a fairly even temperature that may vary only a few degrees.

The heating elements are composed of so-called "resistance" wire, used in making electric coils. No. 193 alloy resistance wire may be used for 110 volts, but "Nichrome" resistance wire will give better service, though a trifle more expensive. This wire may be purchased as coil, and the only problem is to determine what length to use to secure a certain wattage, this being governed by length of the heating element and may necessitate a little experimenting.

The proper wattage may be secured by using 125 feet of "Nichrome" resistance wire fastened to insulators to make a heating element.

Growers' guide for the vegetable garden

(Dates based on latitude of New York City)

Beans, Bush—Sow after all danger from frost is past, generally around the middle of May. Plant 2 inches deep, spacing seed 4 inches apart in rows 2 feet apart. Hill slightly to support plants and keep pods off the ground. Never cultivate or gather crop while vines are wet—it spreads disease.

Beans, Bush Lima—Sow end of May in rows 2½ feet apart, placing beans 6 inches apart, *eye down*, in rows 3 inches deep. Observe same rules as given for other type.

Broccoli—For an early crop sow in hotbed during early February and transfer to coldframe by April 1st. Harden gradually and set into garden in rows, 2 feet apart, allowing 18 inches between plants. Cultivate like Cabbage. For a fall crop sow again early in July. Should be cooked soon after being cut.

Cabbage, Chinese—Sow after July 1st in rows 2 feet apart, covering seeds a quarter of an inch deep. Thin out plants when 4 inches tall, to stand 4 inches apart. When rows become crowded pull up every other plant so that they finally stand 8 to 10 inches apart. The thinned out plants are delicious when boiled like mustard greens.

Carrots—Sow as early in spring as the soil can be put in good condition. Rake thoroughly—carrots do not do well in stony ground. Sow seeds thinly in rows 18 inches apart, covering seeds a quarter of an inch deep. When seedlings are 4 inches tall, thin them out to stand 2 inches apart for the small early kinds, 4 inches apart for the larger, later varieties. Use while quite young.

Celery—Sow seeds during February in shallow boxes, spacing the shallow rows about 4 inches apart. Keep surface uniformly moist by keeping it covered with moist newspapers until seedlings appear which generally happens between 25 and 35 days after sowing. When seedlings are 2 to 3 inches tall, transplant them into other flats 4 inches apart each way. Harden gradually by putting flat outdoors on bright, sunny days. Around June 1st set out plants in well prepared rows, 3 feet apart, spacing the plants 12 inches apart in the rows for the early small varieties, 18 inches apart for the later, larger growing kinds. Cultivate frequently and hill gradually to bleach, but never while foliage is wet.

Corn (Sweet)—Sow thinly after all danger of frost is past, in rows 2½ feet apart for early kinds, 3 feet apart for larger, later varieties. Cover 2 inches deep and, when young plants are 4 inches high, thin them out to stand 4 inches apart. Repeat thinning out until plants stand a foot apart in the row and hill gradually to help the plants in wind resistance. Sweet Corn should be picked while kernels still yield easily to pressure of a fingernail.

Kohlrabi—May be sown as soon as ground can be put in good condition around middle of April. Space rows 2 feet apart, sow seeds very thinly and cover not more than a quarter inch deep. Thin out seedlings to stand 4 to 6 inches apart, cultivate freely and use while quite young. The thinned out seedlings may be boiled as greens or transplanted into additional rows.

Radishes—Treat exactly like Kohlrabi but thin out seedlings 2 to 4 inches apart and do not attempt to transplant them. Sow short rows often to have a constant supply of crisp roots.

Spinach—A very hardy vegetable that may be sown as early as middle of March. Sow in rows 18 inches apart, covering seeds ½ inch deep. Thin out plants to stand 4 inches apart and when they begin to crowd each other, remove every other one which is now large enough for the cook pot.

Tomatoes—Sow April 1st, in a shallow box (old cigar box will do) in rows, 4 inches apart, a quarter inch deep and place in a sunny window. When seedlings are 2 inches tall, transplant them into other boxes to stand 4 inches apart. On May 1st transplant them into a cold frame or any larger box that can be protected at night. After May 31st set into well prepared soil, 3 feet apart each way. For most satisfactory results reduce plant to three strongest branches around July 1st, and train to stakes 5 feet tall.

What perennial completely disappears in the Summer?

Yes—and it comes up again, fresh and green, just as soon as the weather gets cool again! You will find a description of the habits of this unique, but widely known perennial on page 106 of Dreer's 1932 Garden Book. And there are hundreds of equally interesting facts about the habits of flowers in this complete and authoritative reference work.

There is no need to depend on the superficial information contained in seed catalogs, for a copy of the 1932 Garden Book will be sent free on request to those interested in vegetable and flower seeds, roses, perennial plants, etc.

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Max Schling Seedsmen, Inc.
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Modern fashions in old-time flowers

Continued from page 282

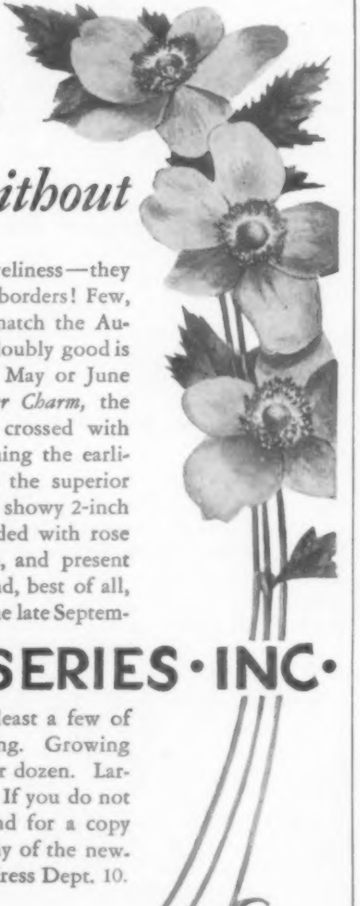
in doubt. There are several known that have been in cultivation spasmodically in the past. The one offered this year has single dahlia-like flowers, orange suffused with salmon, three and one half inches in diameter. This reads very much like the description of Tithonia diversifolia, the most recently introduced species, and it may be speciosa, but anyhow, regardless of name a plant that will grow so vigorously and densely as this and flower within the season is acceptable on its merits.

Zinnia in its more modern refinement climbs into new heights of favor. Not so many years ago the old Age-and-Youth as it was so well named paraded in crude shades of red, yellow, purple, and what passed for white. The flower had no refinement of form but here is another triumph won by the breeding and fine selectiveness of the Bodgers. To-day's Dahlia-flowered Zinnias (Henderson) are outstanding in size of bloom, trueness to type and purity; yes, even brilliancy in colors. There are now added shades of real delicacy so that the Zinnia of to-day has climbed far away from its progenitor.

In the Dahlia-flowered Zinnia Youth (Stumpp & Walter) there is self-colored light rose; and Golden Dawn, the name suggested by its luminous golden yellow intermediate between Golden State and Canary Bird, descriptive enough titles indeed. These newer strains of Zinnia have won the gold medal of the Belgian Horticultural Society in two successive years which is saying something. You can have Zinnias Mammouth or Lilliput, large or small. Daffodil (Waller-Franklin) with six-inch blooms, and quite fragrant, by the way, bright canary yellow, and at the other extreme the Lilliput Salmon Rose (Stumpp & Walter) bearing scores of flowers continuously all through the season and enduring until frost brings down the curtain. Cut flowers as you will, and a crop of new ones quickly take their places. It illuminates well under artificial light, and cut has surprising endurance. A week after cutting, staged at the New York Flower Show, Salmon Rose was faded almost imperceptibly around the edges.

Though some new "old-fashioned" flowers may come and some may go from time to time, the Marigolds run on forever, equally important in the garden with Asters, Zinnias, Nasturtiums, and Sweet-peas. Marigolds grow easily anywhere, and in a great variety of forms—dwarf, medium, tall—and with glowing lively shades of colors hardly found in any other annuals. The open center has been the one defect of form but last year saw African Alldouble Orange (Dreer) which this year is joined by Alldouble Yellow. In the older strains it was most gratifying if fifty per cent of the flowers came double. The new Alldouble strain comes ninety-five per cent true to form.

Truly revolutionary changes have taken place in Cosmos. Some thirty



Anemones
—too lovely to be without

WHAT beauty—what delicate loveliness—they lend to rock gardens and hardy borders! Few, indeed, are the flowers which can match the Autumn loveliness of Anemones. So, doubly good is the news that Bristol now offers, for May or June planting, a new Anemone, *September Charm*, the progeny of Anemone Hupehensis crossed with Japonica Queen Charlotte—combining the earliness and freedom of the first with the superior bloom and color of the second! Its showy 2-inch blooms—a delicate silvery pink, shaded with rose and mauve—grow on 2-foot stems, and present a striking picture when massed. And, best of all, this variety is in full flower before the late September frosts! Don't fail to plant at least a few of these beautiful Anemones this spring. Growing plants from pots: 50c each; $5.00 per dozen. Larger size: 75c each; $7.50 per dozen. If you do not already have a Bristol Catalog, send for a copy now. It will acquaint you with many of the newest and choicest varieties. Please address Dept. 10.

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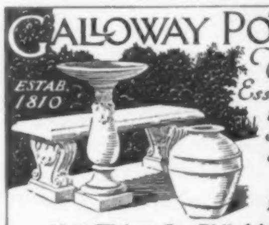

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Modern fashions in old-time flowers

years ago, sowing Cosmos was always done with a certain misgiving us to whether or not we would ever see a flower. Cosmos bloomed late, and four seasons out of five Jack Frost would win.

Special efforts were made to produce early flowering strains. To the four distinct classes now available, ranging from the Early Colossal or Midsummer Single, to the Late Double type (which should not be planted north of Philadelphia) must now be added an Extra Early type appropriately named Express (Schling) blooming in from 45 to 50 days from date seeds are sown—some progress, we must admit, since the days when we sowed seeds by the middle of May, hoping that frost would stay away until after the middle of September! Express Cosmos is offered in white, pink, and crimson.

Among the most attractive novelties for this season is Verbena Lavender Glory (Waller-Franklin). Dr. Franklin who is a conscientious and enthusiastic gardener worked twelve years to "fix" and improve a chance find and it can be accepted, from its source, as distinctly worth-while. The flower is true lavender with a medium-sized creamy eye, the individual florets as large as a fifty cent piece, and well-grown plants have umbels four inches in diameter covering the plant all season. And Lavender Glory is distinctly fragrant—something that has been missing from Verbenas since old Mayflower, the fame of which dates back a quarter century.

Tremendous strides toward perfection have been made in annual Larkspur. I recall the time when plants with twenty-four inch spikes were considered quite commendable. That height has been doubled during the last ten years. Giant Imperial or Spire Larkspurs (Henderson) grow four feet tall, have a more branching habit, and some delightful new colors have been added. The latest are Peach Blossom, a delicate pink, and Gloria, a rich, deep rose.

Those who love Shirley Poppies for their lightly airy colorings will recall that charming novelty Wild-Rose Pink Shirley introduced a few years ago. This in turn, encouraged selections of a double form of that same shade, which is now offered in Sweet Briar (Waller-Franklin), double as a Double Begonia.

Editor's Note: The names given in parentheses after the variety names in the foregoing indicate generally the retail dealer sponsoring the particular offering; in other cases the source of origin is indicated, and such stocks being generally distributed are available through the usual retail dealers such as will be found having announcements in the advertising columns and to any of whom application should be made. Thanks are tendered specially to wholesale seed growers, Bodger, Waller-Franklin, Cuthbertson, and others, on the Pacific Coast for helpful coöperation. Purchasing through retail seed dealers such as advertise in THE AMERICAN HOME is the most satisfactory method of securing these novelties.

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Jacobsen 4-Acre Mower at the left and small view above of the 32-inch Twin-motor Mower with sulky.

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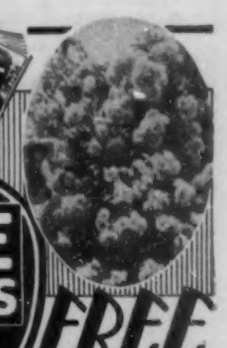

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